Hoja de producto ES

Fecha rev.: 21/12/2023
Ref. Doc: PDS-141

INFORMACIÓN GENERAL

Nombre del producto : Matraz Erlenmeyer esmerilado

Descripción : De vidrio borosilicato LBG 3.3



Esterilizable en autoclave a 121º



Producto disponible tanto en formato estándar como en formato 'pack ahorro'

DATOS TÉCNICOS

referencia	capacidad	Ø(mm)	htotal (mm)	boca	unidades por ref.
CFL3-005-001	5 ml	25	50	14/23	1
CFL3-010-001	10 ml	32	60	14/23	1
CFL3-025-001	25 ml	42	70	14/23	1
CFL3-050-001	50 ml	51	85	14/23	1
CFL3-052-001	50 ml	51	85	19/26	1
CFL3-100-001	100 ml	64	105	14/23	1
CFL3-102-001	100 ml	64	105	19/26	1
CFL3-103-001	100 ml	64	105	24/29	1
CFL3-101-001	100 ml	64	105	29/32	1
CFL3-252-001	250 ml	85	135	19/26	1
CFL3-251-001	250 ml	85	135	24/29	1
CFL3-250-001	250 ml	85	128	29/32	1
CFL3-503-001	500 ml	105	170	24/29	1
CFL3-500-001	500 ml	105	165	29/32	1
CFL3-1K3-001	1000 ml	131	210	24/29	1
CFL3-1K0-001	1000 ml	131	210	29/32	1
CFL3-2K0-001	2000 ml	166	275	29/32	1
CFL3-005-012	5 ml	25	50	14/23	12
CFL3-010-012	10 ml	32	60	14/23	12
CFL3-025-012	25 ml	42	70	14/23	12
CFL3-050-012	50 ml	51	85	14/23	12
CFL3-052-012	50 ml	51	85	19/26	12
CFL3-100-012	100 ml	64	105	14/23	12
CFL3-102-012	100 ml	64	105	19/26	12
CFL3-103-012	100 ml	64	105	24/29	12
CFL3-101-012	100 ml	64	105	29/32	12
CFL3-252-010	250 ml	85	135	19/26	10
CFL3-251-010	250 ml	85	135	24/29	10
CFL3-250-010	250 ml	85	128	29/32	10
CFL3-503-008	500 ml	105	170	24/29	8
CFL3-500-008	500 ml	105	165	29/32	8
CFL3-1K3-006	1000 ml	131	210	24/29	6
CFL3-1K0-006	1000 ml	131	210	29/32	6
CFL3-2K0-002	2000 ml	166	275	29/32	2

EMBALAJE Y DATOS LOGÍSTICOS

referencia	vol (l)	kg	TARIC	GTIN
CFL3-005-001	0,05	0,016	70172000	08434868012998
CFL3-010-001	0,14	0,021	70172000	08434868013018
CFL3-025-001	0,14994	0,023	70172000	08434868013032
CFL3-050-001	0,2704	0,032	70172000	08434868013056
CFL3-052-001	0,2704	0,032	70172000	08434868013070
CFL3-100-001	0,46475	0,069	70172000	08434868013094
CFL3-102-001	0,46475	0,069	70172000	08434868013131
CFL3-103-001	0,01	0,01	70172000	08434868013155
CFL3-101-001	0,46475	0,069	70172000	08434868013117
CFL3-252-001	1,215	0,097	70172000	08434868013254
CFL3-251-001	1,215	0,097	70172000	08434868013230
CFL3-250-001	1,215	0,097	70172000	08434868013216
CFL3-503-001	2,1175	0,16	70172000	08434868013315
CFL3-500-001	2,1175	0,16	70172000	08434868013292
CFL3-1K3-001	4,312	0,317	70172000	08434868013193
CFL3-1K0-001	4,312	0,317	70172000	08434868013179
CFL3-2K0-001	9,072	0,56	70172000	08434868013278
CFL3-005-012	2,5	0,192	70172000	08434868013001
CFL3-010-012	2,5	0,252	70172000	08434868013025
CFL3-025-012	2,5	0,9	70172000	08434868013049
CFL3-050-012	3,245	0,55	70172000	08434868013063
CFL3-052-012	3,245	0,55	70172000	08434868013087
CFL3-100-012	5,35665	0,9	70172000	08434868013100
CFL3-102-012	5,35665	0,9	70172000	08434868013148
CFL3-103-012	5,35665	0,9	70172000	08434868013162
CFL3-101-012	5,35665	0,9	70172000	08434868013124
CFL3-252-010	9,472	0,97	70172000	08434868013261
CFL3-251-010	9,472	0,97	70172000	08434868013247
CFL3-250-010	9,472	1,65	70172000	08434868013223
CFL3-503-008	15,015	1,57	70172000	08434868013322
CFL3-500-008	15,015	1,57	70172000	08434868013308
CFL3-1K3-006	19,975	2,16	70172000	08434868013209
CFL3-1K0-006	19,975	2,16	70172000	08434868013186
CFL3-2K0-002	13,275	1,28	70172000	08434868013285

FOTO DEL PRODUCTO



MATERIAL

MATERIAL : LBG 3.3

El vidrio borosilicato 3.3 es un vidrio con contenido mínimo en sílice.

Es prácticamente libre de magnesio, cal y zinc y contiene sólo trazas de metales pesados.

Composición química:

- 81% en peso de SiO2
- 13,0% en peso de B2O3
- 4% en peso de Na2O

Propiedades térmicas:

- Coeficiente de expansión lineal: 32,5 x10-7 º C
- Temperatura máxima de trabajo : 515 º C
- Temperatura de recocción: 565 º C
- Temperatura de reblandecimiento: 820 º C
- Calor específico: 0,2
- Conductividad térmica (cal/cm3 / º C / sec): 0,0027

Resistencia Química:

Este vidrio es altamente resistente al agua, soluciones neutras y ácidas, ácidos concentrados y sus mezclas, así como a cloruro, bromo, yodo, y disolventes orgánicos. Incluso durante el largos períodos de exposición y a temperaturas superiores a 100 ° C, su resistencia química supera la de la mayoría de los metales y otros materiales.
Puede soportar repetidas esterilizaciones en seco y en húmedo sin deterioro de la superficie y su consiguiente contaminación. Resiste al ataque de diversas sustancias químicas. Sólo el ácido fluorhídrico, el ácido fosfórico muy caliente y soluciones alcalinas con el aumento de la concentración y la temperatura, atacan cada vez más la superficie de vidrio.

Product page EN

Date rev.: 12/21/2023
Doc. Ref: PDS-141

GENERAL INFORMATION

Product name : Flask, Erlenmeyer, standard ground mouth

Description : Made of borosilicate glass LBG 3.3



Autoclavability


Available in standard size and economy size

TECHNICAL DATA

reference	capacity	Ø (mm)	htotal (mm)	mouth	pcs/pack
CFL3-005-001	5 ml	25	50	14/23	1
CFL3-010-001	10 ml	32	60	14/23	1
CFL3-025-001	25 ml	42	70	14/23	1
CFL3-050-001	50 ml	51	85	14/23	1
CFL3-052-001	50 ml	51	85	19/26	1
CFL3-100-001	100 ml	64	105	14/23	1
CFL3-102-001	100 ml	64	105	19/26	1
CFL3-103-001	100 ml	64	105	24/29	1
CFL3-101-001	100 ml	64	105	29/32	1
CFL3-252-001	250 ml	85	135	19/26	1
CFL3-251-001	250 ml	85	135	24/29	1
CFL3-250-001	250 ml	85	128	29/32	1
CFL3-503-001	500 ml	105	170	24/29	1
CFL3-500-001	500 ml	105	165	29/32	1
CFL3-1K3-001	1000 ml	131	210	24/29	1
CFL3-1K0-001	1000 ml	131	210	29/32	1
CFL3-2K0-001	2000 ml	166	275	29/32	1
CFL3-005-012	5 ml	25	50	14/23	12
CFL3-010-012	10 ml	32	60	14/23	12
CFL3-025-012	25 ml	42	70	14/23	12
CFL3-050-012	50 ml	51	85	14/23	12
CFL3-052-012	50 ml	51	85	19/26	12
CFL3-100-012	100 ml	64	105	14/23	12
CFL3-102-012	100 ml	64	105	19/26	12
CFL3-103-012	100 ml	64	105	24/29	12
CFL3-101-012	100 ml	64	105	29/32	12
CFL3-252-010	250 ml	85	135	19/26	10
CFL3-251-010	250 ml	85	135	24/29	10
CFL3-250-010	250 ml	85	128	29/32	10
CFL3-503-008	500 ml	105	170	24/29	8
CFL3-500-008	500 ml	105	165	29/32	8
CFL3-1K3-006	1000 ml	131	210	24/29	6
CFL3-1K0-006	1000 ml	131	210	29/32	6
CFL3-2K0-002	2000 ml	166	275	29/32	2

PACKAGING AND LOGISTICS

reference	vol (l)	kg	TARIC	GTIN
CFL3-005-001	0,05	0,016	70172000	08434868012998
CFL3-010-001	0,14	0,021	70172000	08434868013018
CFL3-025-001	0,14994	0,023	70172000	08434868013032
CFL3-050-001	0,2704	0,032	70172000	08434868013056
CFL3-052-001	0,2704	0,032	70172000	08434868013070
CFL3-100-001	0,46475	0,069	70172000	08434868013094
CFL3-102-001	0,46475	0,069	70172000	08434868013131
CFL3-103-001	0,01	0,01	70172000	08434868013155
CFL3-101-001	0,46475	0,069	70172000	08434868013117
CFL3-252-001	1,215	0,097	70172000	08434868013254
CFL3-251-001	1,215	0,097	70172000	08434868013230
CFL3-250-001	1,215	0,097	70172000	08434868013216
CFL3-503-001	2,1175	0,16	70172000	08434868013315
CFL3-500-001	2,1175	0,16	70172000	08434868013292
CFL3-1K3-001	4,312	0,317	70172000	08434868013193
CFL3-1K0-001	4,312	0,317	70172000	08434868013179
CFL3-2K0-001	9,072	0,56	70172000	08434868013278
CFL3-005-012	2,5	0,192	70172000	08434868013001
CFL3-010-012	2,5	0,252	70172000	08434868013025
CFL3-025-012	2,5	0,9	70172000	08434868013049
CFL3-050-012	3,245	0,55	70172000	08434868013063
CFL3-052-012	3,245	0,55	70172000	08434868013087
CFL3-100-012	5,35665	0,9	70172000	08434868013100
CFL3-102-012	5,35665	0,9	70172000	08434868013148
CFL3-103-012	5,35665	0,9	70172000	08434868013162
CFL3-101-012	5,35665	0,9	70172000	08434868013124
CFL3-252-010	9,472	0,97	70172000	08434868013261
CFL3-251-010	9,472	0,97	70172000	08434868013247
CFL3-250-010	9,472	1,65	70172000	08434868013223
CFL3-503-008	15,015	1,57	70172000	08434868013322
CFL3-500-008	15,015	1,57	70172000	08434868013308
CFL3-1K3-006	19,975	2,16	70172000	08434868013209
CFL3-1K0-006	19,975	2,16	70172000	08434868013186
CFL3-2K0-002	13,275	1,28	70172000	08434868013285

PRODUCT PHOTO



MATERIAL

MATERIAL : LBG 3.3

LBG 3.3 is a borosilicate glass with a minimum content in silica of 80% and a low expansion coefficient (3.3•10-6 K-1) included in the 3.3 borosilicate group, as defined in ISO 3585 standard.

It is used in products where chemical and mechanical resistance is to be combined with resistance to sudden temperature changes. This particular combination of properties makes this type of glass the most used in labware.

Physical and chemical properties:

- Linear expansion coefficient (@ 20/300 ºC): 3.3•10-6 K-1
- Strain point: 520 ºC
- Annealing point: 560 ± 10 ºC
- Softening point: 820 ± 10 ºC
- Density: 2.23 ± 0.02 g/cm3
- Hydrolytic resistance (according to ISO 719, water at 98 ºC): Class 1
- Hydrolytic resistance (according to ISO 720, water at 121 ºC): Class 1
- Resistance to acids (according to ISO 1776, DIN 12116): Class 1
- Resistance to alkalis (according to ISO 695): Class 2

Typical composition:

- 80.4% in weight SiO2
- 13.0% in weight B2O3
- 4.2% in weight Na2O
- 2.4% in weight Al2O3

Fiche produit FR

Date : 21/12/2023
Ref. Doc : PDS-141

INFORMATIONS GÉNÉRALES

Nom produit : Fiole Erlenmeyer col rodé

Description : En verre borosilicaté LBG 3.3



Autoclavable



Disponible à la fois au format standard et au format 'pack économie'

DONNÉES TECHNIQUES

référence	capacité	Ø (mm)	htotale (mm)	col	unités par ref.
CFL3-005-001	5 ml	25	50	14/23	1
CFL3-010-001	10 ml	32	60	14/23	1
CFL3-025-001	25 ml	42	70	14/23	1
CFL3-050-001	50 ml	51	85	14/23	1
CFL3-052-001	50 ml	51	85	19/26	1
CFL3-100-001	100 ml	64	105	14/23	1
CFL3-102-001	100 ml	64	105	19/26	1
CFL3-103-001	100 ml	64	105	24/29	1
CFL3-101-001	100 ml	64	105	29/32	1
CFL3-252-001	250 ml	85	135	19/26	1
CFL3-251-001	250 ml	85	135	24/29	1
CFL3-250-001	250 ml	85	128	29/32	1
CFL3-503-001	500 ml	105	170	24/29	1
CFL3-500-001	500 ml	105	165	29/32	1
CFL3-1K3-001	1000 ml	131	210	24/29	1
CFL3-1K0-001	1000 ml	131	210	29/32	1
CFL3-2K0-001	2000 ml	166	275	29/32	1
CFL3-005-012	5 ml	25	50	14/23	12
CFL3-010-012	10 ml	32	60	14/23	12
CFL3-025-012	25 ml	42	70	14/23	12
CFL3-050-012	50 ml	51	85	14/23	12
CFL3-052-012	50 ml	51	85	19/26	12
CFL3-100-012	100 ml	64	105	14/23	12
CFL3-102-012	100 ml	64	105	19/26	12
CFL3-103-012	100 ml	64	105	24/29	12
CFL3-101-012	100 ml	64	105	29/32	12
CFL3-252-010	250 ml	85	135	19/26	10
CFL3-251-010	250 ml	85	135	24/29	10
CFL3-250-010	250 ml	85	128	29/32	10
CFL3-503-008	500 ml	105	170	24/29	8
CFL3-500-008	500 ml	105	165	29/32	8
CFL3-1K3-006	1000 ml	131	210	24/29	6
CFL3-1K0-006	1000 ml	131	210	29/32	6
CFL3-2K0-002	2000 ml	166	275	29/32	2

EMBALLAGE ET LOGISTIQUE

référence	vol (l)	kg	TARIC	GTIN
CFL3-005-001	0,05	0,016	70172000	08434868012998
CFL3-010-001	0,14	0,021	70172000	08434868013018
CFL3-025-001	0,14994	0,023	70172000	08434868013032
CFL3-050-001	0,2704	0,032	70172000	08434868013056
CFL3-052-001	0,2704	0,032	70172000	08434868013070
CFL3-100-001	0,46475	0,069	70172000	08434868013094
CFL3-102-001	0,46475	0,069	70172000	08434868013131
CFL3-103-001	0,01	0,01	70172000	08434868013155
CFL3-101-001	0,46475	0,069	70172000	08434868013117
CFL3-252-001	1,215	0,097	70172000	08434868013254
CFL3-251-001	1,215	0,097	70172000	08434868013230
CFL3-250-001	1,215	0,097	70172000	08434868013216
CFL3-503-001	2,1175	0,16	70172000	08434868013315
CFL3-500-001	2,1175	0,16	70172000	08434868013292
CFL3-1K3-001	4,312	0,317	70172000	08434868013193
CFL3-1K0-001	4,312	0,317	70172000	08434868013179
CFL3-2K0-001	9,072	0,56	70172000	08434868013278
CFL3-005-012	2,5	0,192	70172000	08434868013001
CFL3-010-012	2,5	0,252	70172000	08434868013025
CFL3-025-012	2,5	0,9	70172000	08434868013049
CFL3-050-012	3,245	0,55	70172000	08434868013063
CFL3-052-012	3,245	0,55	70172000	08434868013087
CFL3-100-012	5,35665	0,9	70172000	08434868013100
CFL3-102-012	5,35665	0,9	70172000	08434868013148
CFL3-103-012	5,35665	0,9	70172000	08434868013162
CFL3-101-012	5,35665	0,9	70172000	08434868013124
CFL3-252-010	9,472	0,97	70172000	08434868013261
CFL3-251-010	9,472	0,97	70172000	08434868013247
CFL3-250-010	9,472	1,65	70172000	08434868013223
CFL3-503-008	15,015	1,57	70172000	08434868013322
CFL3-500-008	15,015	1,57	70172000	08434868013308
CFL3-1K3-006	19,975	2,16	70172000	08434868013209
CFL3-1K0-006	19,975	2,16	70172000	08434868013186
CFL3-2K0-002	13,275	1,28	70172000	08434868013285

PHOTO PRODUIT



MATÉRIEL

MATÉRIEL LBG 3.3

LBG 3.3 est un verre borosilicaté ayant un contenu minimal en silice de 80% et un très faible coefficient d'expansion (3,3•10-6 K-1) qui appartient au groupe des borosilicates type "3.3" tel que défini par la norme ISO 3585. Il s'emploie avec des produits où se combinent résistance chimique, résistance mécanique et résistance aux changements brusques de température. En raison de cette combinaison unique, ce type de verre est majoritairement utilisé pour les produits de laboratoire.

Propriétés physiques et chimiques:

- Coefficient de dilatation linéaire (@ 20/300ºC) 3,3•10-6 K-1
- Température de réflectivité (Strain Point) 520 ºC
- Température de maturation (Annealing point) 560 ± 10 ºC
- Température de ramollissement (Softening point) 820 ± 10 ºC
- Densité 2,23 ± 0,02 g/cm3
- Résistance hydraulique (Selon ISO 719, eau à 98ºC) Classe 1
- Résistance hydraulique (Selon ISO 720, eau à 121ºC) Classe 1
- Résistance aux acides (Selon ISO 1776) Classe 1
- Résistance aux alcalis (Selon ISO 695) Classe 2

Composition typique:

- 80,4% en poids SiO2
- 13,0% en poids B2O3
- 4,2% en poids Na2O
- 2,4% en poids Al2O3

Scheda prodotto IT

Data: 21/12/2023
Ref. Doc: PDS-141

INFORMAZIONE GENERALE

Nome del prodotto : Beuta Erlenmeyer smerigliata

Descrizione : In vetro borosilicato LBG 3.3



Autoclavabile



Disponibile sia in formato standard che in confezione risparmio

DATI TECNICI

referenza	capacità	Ø(mm)	htotale (mm)	bocchetta	unità per ref.
CFL3-005-001	5 ml	25	50	14/23	1
CFL3-010-001	10 ml	32	60	14/23	1
CFL3-025-001	25 ml	42	70	14/23	1
CFL3-050-001	50 ml	51	85	14/23	1
CFL3-052-001	50 ml	51	85	19/26	1
CFL3-100-001	100 ml	64	105	14/23	1
CFL3-102-001	100 ml	64	105	19/26	1
CFL3-103-001	100 ml	64	105	24/29	1
CFL3-101-001	100 ml	64	105	29/32	1
CFL3-252-001	250 ml	85	135	19/26	1
CFL3-251-001	250 ml	85	135	24/29	1
CFL3-250-001	250 ml	85	128	29/32	1
CFL3-503-001	500 ml	105	170	24/29	1
CFL3-500-001	500 ml	105	165	29/32	1
CFL3-1K3-001	1000 ml	131	210	24/29	1
CFL3-1K0-001	1000 ml	131	210	29/32	1
CFL3-2K0-001	2000 ml	166	275	29/32	1
CFL3-005-012	5 ml	25	50	14/23	12
CFL3-010-012	10 ml	32	60	14/23	12
CFL3-025-012	25 ml	42	70	14/23	12
CFL3-050-012	50 ml	51	85	14/23	12
CFL3-052-012	50 ml	51	85	19/26	12
CFL3-100-012	100 ml	64	105	14/23	12
CFL3-102-012	100 ml	64	105	19/26	12
CFL3-103-012	100 ml	64	105	24/29	12
CFL3-101-012	100 ml	64	105	29/32	12
CFL3-252-010	250 ml	85	135	19/26	10
CFL3-251-010	250 ml	85	135	24/29	10
CFL3-250-010	250 ml	85	128	29/32	10
CFL3-503-008	500 ml	105	170	24/29	8
CFL3-500-008	500 ml	105	165	29/32	8
CFL3-1K3-006	1000 ml	131	210	24/29	6
CFL3-1K0-006	1000 ml	131	210	29/32	6
CFL3-2K0-002	2000 ml	166	275	29/32	2

IMBALLAGGIO E DATI LOGISTICI

referenza	vol (l)	kg	TARIC	GTIN
CFL3-005-001	0,05	0,016	70172000	08434868012998
CFL3-010-001	0,14	0,021	70172000	08434868013018
CFL3-025-001	0,14994	0,023	70172000	08434868013032
CFL3-050-001	0,2704	0,032	70172000	08434868013056
CFL3-052-001	0,2704	0,032	70172000	08434868013070
CFL3-100-001	0,46475	0,069	70172000	08434868013094
CFL3-102-001	0,46475	0,069	70172000	08434868013131
CFL3-103-001	0,01	0,01	70172000	08434868013155
CFL3-101-001	0,46475	0,069	70172000	08434868013117
CFL3-252-001	1,215	0,097	70172000	08434868013254
CFL3-251-001	1,215	0,097	70172000	08434868013230
CFL3-250-001	1,215	0,097	70172000	08434868013216
CFL3-503-001	2,1175	0,16	70172000	08434868013315
CFL3-500-001	2,1175	0,16	70172000	08434868013292
CFL3-1K3-001	4,312	0,317	70172000	08434868013193
CFL3-1K0-001	4,312	0,317	70172000	08434868013179
CFL3-2K0-001	9,072	0,56	70172000	08434868013278
CFL3-005-012	2,5	0,192	70172000	08434868013001
CFL3-010-012	2,5	0,252	70172000	08434868013025
CFL3-025-012	2,5	0,9	70172000	08434868013049
CFL3-050-012	3,245	0,55	70172000	08434868013063
CFL3-052-012	3,245	0,55	70172000	08434868013087
CFL3-100-012	5,35665	0,9	70172000	08434868013100
CFL3-102-012	5,35665	0,9	70172000	08434868013148
CFL3-103-012	5,35665	0,9	70172000	08434868013162
CFL3-101-012	5,35665	0,9	70172000	08434868013124
CFL3-252-010	9,472	0,97	70172000	08434868013261
CFL3-251-010	9,472	0,97	70172000	08434868013247
CFL3-250-010	9,472	1,65	70172000	08434868013223
CFL3-503-008	15,015	1,57	70172000	08434868013322
CFL3-500-008	15,015	1,57	70172000	08434868013308
CFL3-1K3-006	19,975	2,16	70172000	08434868013209
CFL3-1K0-006	19,975	2,16	70172000	08434868013186
CFL3-2K0-002	13,275	1,28	70172000	08434868013285

FOTO DEL PRODOTTO



MATERIALE

MATERIALE LBG 3.3

LBG 3.3 è un vetro borosilicato con un contenuto minimo di silice del 80% e un basso coefficiente di espansione (3,3•10-6 K-1) che appartiene al grupo dei borosilicati tipo “3.3”, come viene descritto nella norma ISO 3585. Si utilizza per prodotti dove si deve combinare resistenza chimica, resistenza meccanica e resistenza ai cambi bruschi di temperatura, e proprio per questa combinazione unica è il tipo di vetro di referenza con il quale si fabbricano la maggior parte dei prodotti da laboratorio.

Proprietà fisiche e chimiche

- Coefficiente di espansione lineare (@ 20/300 ºC): 3,3•10-6 K-1
- Temperatura di decotto (Strain point): 520 ºC
- Temperatura di maturazione (Annealing point): 560 ± 10 ºC
- Temperatura di rammollimento (Softening point): 820 ± 10 ºC
- Densità: 2,23 ± 0,02 g/cm3
- Resistenza idrolitica (secondo ISO 719, acqua a 98 ºC): Classe 1
- Resistenza idrolitica (secondo ISO 720, acqua a 121 ºC): Classe 1
- Resistenza agli acidi (secondo ISO 1776): Classe 1
- Resistenza agli alcali (secondo ISO 695): Classe 2

Composizione tipica:

- 80,4% in peso SiO2
- 13,0% in peso B2 O3
- 4,2% in peso Na2O
- 2,4% in peso Al2 O3

Produkt informatieblad NL

Revisiedatum: 21/12/2023
Ref. Doc.: PDS-141

ALGEMENE INFORMATIE

Produktnaam : Geslepen Erlenmeyerkolf

Beschrijving : Van borosilicaatglas LBG 3.3



Autoclaveerbaar



Product beschikbaar in zowel standaard als voordeelpakket formaat

TECHNISCHE GEGEVENS

referentie	capaciteit	Ø(mm)	htotaal (mm)	mond	stuks per ref.
CFL3-005-001	5 ml	25	50	14/23	1
CFL3-010-001	10 ml	32	60	14/23	1
CFL3-025-001	25 ml	42	70	14/23	1
CFL3-050-001	50 ml	51	85	14/23	1
CFL3-052-001	50 ml	51	85	19/26	1
CFL3-100-001	100 ml	64	105	14/23	1
CFL3-102-001	100 ml	64	105	19/26	1
CFL3-103-001	100 ml	64	105	24/29	1
CFL3-101-001	100 ml	64	105	29/32	1
CFL3-252-001	250 ml	85	135	19/26	1
CFL3-251-001	250 ml	85	135	24/29	1
CFL3-250-001	250 ml	85	128	29/32	1
CFL3-503-001	500 ml	105	170	24/29	1
CFL3-500-001	500 ml	105	165	29/32	1
CFL3-1K3-001	1000 ml	131	210	24/29	1
CFL3-1K0-001	1000 ml	131	210	29/32	1
CFL3-2K0-001	2000 ml	166	275	29/32	1
CFL3-005-012	5 ml	25	50	14/23	12
CFL3-010-012	10 ml	32	60	14/23	12
CFL3-025-012	25 ml	42	70	14/23	12
CFL3-050-012	50 ml	51	85	14/23	12
CFL3-052-012	50 ml	51	85	19/26	12
CFL3-100-012	100 ml	64	105	14/23	12
CFL3-102-012	100 ml	64	105	19/26	12
CFL3-103-012	100 ml	64	105	24/29	12
CFL3-101-012	100 ml	64	105	29/32	12
CFL3-252-010	250 ml	85	135	19/26	10
CFL3-251-010	250 ml	85	135	24/29	10
CFL3-250-010	250 ml	85	128	29/32	10
CFL3-503-008	500 ml	105	170	24/29	8
CFL3-500-008	500 ml	105	165	29/32	8
CFL3-1K3-006	1000 ml	131	210	24/29	6
CFL3-1K0-006	1000 ml	131	210	29/32	6
CFL3-2K0-002	2000 ml	166	275	29/32	2

VERPAKKING EN LOGISTIEKE GEGEVENS

Referentie	vol (l)	kg	TARIC	GTIN
CFL3-005-001	0,05	0,016	70172000	08434868012998
CFL3-010-001	0,14	0,021	70172000	08434868013018
CFL3-025-001	0,14994	0,023	70172000	08434868013032
CFL3-050-001	0,2704	0,032	70172000	08434868013056
CFL3-052-001	0,2704	0,032	70172000	08434868013070
CFL3-100-001	0,46475	0,069	70172000	08434868013094
CFL3-102-001	0,46475	0,069	70172000	08434868013131
CFL3-103-001	0,01	0,01	70172000	08434868013155
CFL3-101-001	0,46475	0,069	70172000	08434868013117
CFL3-252-001	1,215	0,097	70172000	08434868013254
CFL3-251-001	1,215	0,097	70172000	08434868013230
CFL3-250-001	1,215	0,097	70172000	08434868013216
CFL3-503-001	2,1175	0,16	70172000	08434868013315
CFL3-500-001	2,1175	0,16	70172000	08434868013292
CFL3-1K3-001	4,312	0,317	70172000	08434868013193
CFL3-1K0-001	4,312	0,317	70172000	08434868013179
CFL3-2K0-001	9,072	0,56	70172000	08434868013278
CFL3-005-012	2,5	0,192	70172000	08434868013001
CFL3-010-012	2,5	0,252	70172000	08434868013025
CFL3-025-012	2,5	0,9	70172000	08434868013049
CFL3-050-012	3,245	0,55	70172000	08434868013063
CFL3-052-012	3,245	0,55	70172000	08434868013087
CFL3-100-012	5,35665	0,9	70172000	08434868013100
CFL3-102-012	5,35665	0,9	70172000	08434868013148
CFL3-103-012	5,35665	0,9	70172000	08434868013162
CFL3-101-012	5,35665	0,9	70172000	08434868013124
CFL3-252-010	9,472	0,97	70172000	08434868013261
CFL3-251-010	9,472	0,97	70172000	08434868013247
CFL3-250-010	9,472	1,65	70172000	08434868013223
CFL3-503-008	15,015	1,57	70172000	08434868013322
CFL3-500-008	15,015	1,57	70172000	08434868013308
CFL3-1K3-006	19,975	2,16	70172000	08434868013209
CFL3-1K0-006	19,975	2,16	70172000	08434868013186
CFL3-2K0-002	13,275	1,28	70172000	08434868013285

PRODUKTFOTO



MATERIAAL

MATERIAAL: LBG 3.3 Borosilicaatglas 3.3 is een glas met een minimaal silicagehalte. Het bevat vrijwelgeen magnesium, kalk en zink en bevat alleen sporen van zware metalen. Chemische samenstelling: 81% van het gewicht van SiO2 13,0% van het gewicht van B2O3 4% van het gewicht van Na2O Thermische eigenschappen: Lineaire uitbreidingscoëfficiënt: 32,5 x10-7 ºC Maximale werktemperatuur: 515 ºC Onthardingstemperatuur: 565 ºC Verwekingstemperatuur: 820 ºC Specifieke hitte: 0,2 Thermische geleidbaarheid (cal/cm3 / ºC / sec): 0,0027 Chemische weerstand: Dit glas is zeer goed bestand tegen water, neutrale en zure oplossingen, geconcentreerde zuren en mengsels daarvan, alsmede tegen chloride, broom, jodium en organische oplosmiddelen. Zelfs bij langdurige blootstelling en bij temperaturen boven 100 °C overtreft de chemische weerstand die van de meeste metalen en andere materialen. Het is bestand tegen herhaalde natte en droge sterilisaties zonder aantasting van het oppervlak en verontreiniging. Het is bestand tegen de aantasting door verschillende chemische stoffen. Alleen fluorwaterstofzuur, zeer heet fosforzuur en alkalische oplossingen tasten bij toenemende concentratie en temperatuur het glasoppervlak in toenemende mate aan.

Produktblatt DE

Datum Rev.: 21/12/2023
Ref. Dok.: PDS-141

ALLGEMEINE INFORMATIONEN

Produktname : Erlenmeyerkolben, mit Normschliff

Beschreibung : Aus Borosilikatglas LBG 3.3.



Autoklavierbar



Erhältlich im Standardformat sowie im 'Vorteilspack'

TECHNISCHE DATEN

Artikelnummer	Volumen	Ø(mm)	Hgesamt (mm)	Normschliff	Stückzahl pro Artikel
CFL3-005-001	5 ml	25	50	14/23	1
CFL3-010-001	10 ml	32	60	14/23	1
CFL3-025-001	25 ml	42	70	14/23	1
CFL3-050-001	50 ml	51	85	14/23	1
CFL3-052-001	50 ml	51	85	19/26	1
CFL3-100-001	100 ml	64	105	14/23	1
CFL3-102-001	100 ml	64	105	19/26	1
CFL3-103-001	100 ml	64	105	24/29	1
CFL3-101-001	100 ml	64	105	29/32	1
CFL3-252-001	250 ml	85	135	19/26	1
CFL3-251-001	250 ml	85	135	24/29	1
CFL3-250-001	250 ml	85	128	29/32	1
CFL3-503-001	500 ml	105	170	24/29	1
CFL3-500-001	500 ml	105	165	29/32	1
CFL3-1K3-001	1000 ml	131	210	24/29	1
CFL3-1K0-001	1000 ml	131	210	29/32	1
CFL3-2K0-001	2000 ml	166	275	29/32	1
CFL3-005-012	5 ml	25	50	14/23	12
CFL3-010-012	10 ml	32	60	14/23	12
CFL3-025-012	25 ml	42	70	14/23	12
CFL3-050-012	50 ml	51	85	14/23	12
CFL3-052-012	50 ml	51	85	19/26	12
CFL3-100-012	100 ml	64	105	14/23	12
CFL3-102-012	100 ml	64	105	19/26	12
CFL3-103-012	100 ml	64	105	24/29	12
CFL3-101-012	100 ml	64	105	29/32	12
CFL3-252-010	250 ml	85	135	19/26	10
CFL3-251-010	250 ml	85	135	24/29	10
CFL3-250-010	250 ml	85	128	29/32	10
CFL3-503-008	500 ml	105	170	24/29	8
CFL3-500-008	500 ml	105	165	29/32	8
CFL3-1K3-006	1000 ml	131	210	24/29	6
CFL3-1K0-006	1000 ml	131	210	29/32	6
CFL3-2K0-002	2000 ml	166	275	29/32	2

VERPACKUNG UND LOGISTIKDATEN

Referenz	vol (l)	kg	TARIC	GTIN
CFL3-005-001	0,05	0,016	70172000	08434868012998
CFL3-010-001	0,14	0,021	70172000	08434868013018
CFL3-025-001	0,14994	0,023	70172000	08434868013032
CFL3-050-001	0,2704	0,032	70172000	08434868013056
CFL3-052-001	0,2704	0,032	70172000	08434868013070
CFL3-100-001	0,46475	0,069	70172000	08434868013094
CFL3-102-001	0,46475	0,069	70172000	08434868013131
CFL3-103-001	0,01	0,01	70172000	08434868013155
CFL3-101-001	0,46475	0,069	70172000	08434868013117
CFL3-252-001	1,215	0,097	70172000	08434868013254
CFL3-251-001	1,215	0,097	70172000	08434868013230
CFL3-250-001	1,215	0,097	70172000	08434868013216
CFL3-503-001	2,1175	0,16	70172000	08434868013315
CFL3-500-001	2,1175	0,16	70172000	08434868013292
CFL3-1K3-001	4,312	0,317	70172000	08434868013193
CFL3-1K0-001	4,312	0,317	70172000	08434868013179
CFL3-2K0-001	9,072	0,56	70172000	08434868013278
CFL3-005-012	2,5	0,192	70172000	08434868013001
CFL3-010-012	2,5	0,252	70172000	08434868013025
CFL3-025-012	2,5	0,9	70172000	08434868013049
CFL3-050-012	3,245	0,55	70172000	08434868013063
CFL3-052-012	3,245	0,55	70172000	08434868013087
CFL3-100-012	5,35665	0,9	70172000	08434868013100
CFL3-102-012	5,35665	0,9	70172000	08434868013148
CFL3-103-012	5,35665	0,9	70172000	08434868013162
CFL3-101-012	5,35665	0,9	70172000	08434868013124
CFL3-252-010	9,472	0,97	70172000	08434868013261
CFL3-251-010	9,472	0,97	70172000	08434868013247
CFL3-250-010	9,472	1,65	70172000	08434868013223
CFL3-503-008	15,015	1,57	70172000	08434868013322
CFL3-500-008	15,015	1,57	70172000	08434868013308
CFL3-1K3-006	19,975	2,16	70172000	08434868013209
CFL3-1K0-006	19,975	2,16	70172000	08434868013186
CFL3-2K0-002	13,275	1,28	70172000	08434868013285

PRODUKTFOTO



MATERIAL

MATERIAL: LGB 3.3 Borosilikatglas 3.3 ist ein Glas mit einem Mindestgehalt an Kieselsäure. Es ist praktisch frei von Magnesium, Kalk und Zink und enthält nur Spuren von Schwermetallen. Chemische Zusammensetzung: 81 % Gewichtsanteil SiO2 13,0 % Gewichtsanteil B2O3 4 % Gewichtsanteil Na2O Thermische Eigenschaften: Koeffizient für lineare Ausdehnung 32,5 x10-7 º C Maximale Arbeitstemperatur: 515 º C Glühtemperatur: 565 º C Erweichungstemperatur: 820 º C Spezifische Wärme: 0,2 Wärmeleitfähigkeit (cal/cm3 / º C / sec): 0,0027 Chemische Beständigkeit: Dieses Glas ist sehr beständig gegen Wasser, neutrale und saure Lösungen, konzentrierte Säuren und ihre Mischungen sowie Chloride, Brom, Jod und organische Lösungsmittel. Auch bei langen Expositionszeiträumen und Temperaturen über 100 ºC übertrifft seine chemische Beständigkeit die der meisten Metalle und anderen Materialien. Es kann wiederholte Sterilisierungen (trocken und nass) ohne Oberflächenverschleiß und die damit einhergehende Kontamination aushalten. Beständig gegen Angriffe durch verschiedene chemische Substanzen. Ausschließlich Flusssäure, sehr heiße Phosphorsäure und alkalische Lösungen mit hoher Konzentration und Temperatur verschleißen die Glasoberfläche jedes Mal etwas mehr.