

**DISTRIBUTEUR CLEANLINE CARTOUCHE GEL**
**FICHE TECHNIQUE**

01/12/2010



Désignation : Distributeur Cleanline cartouche gel

Référence : 8 44 747 xxx

Utilise exclusivement les cartouches jetables réf. 2 10 1200 fermées par le bouchon perforable réf. 2 10 1201

Poids net : 459 g

Dimensions : H206 x L110 x P106

Contenance du réservoir : 840 ml

 Conditionnement : Boîte individuelle  
24 unités par carton

Mise en œuvre : Vissé au mur en 3 points

Matière dominante : ABS Terluran GP-22

Terluran® GP-22



Typical values at 23°C <sup>1)</sup>	Test method <sup>2)</sup>	Unit	Values <sup>3)</sup>
<b>Properties</b>			
Polymer abbreviation	-	-	ABS
Density	ISO 1183	kg/m <sup>3</sup>	1040
Water absorption, equilibrium in water at 23°C	similar to ISO 62	%	1
Moisture absorption, equilibrium 23°C/50% r.h.	similar to ISO 62	%	0.22
<b>Processing</b>			
Processing: Injection moulding (I), Extrusion (E), Blow moulding (B)	-	-	M
Melt volume-flow rate MVR	ISO 1133	cm <sup>3</sup> /10min	19
Temperature	ISO 1133	°C	220
Load	ISO 1133	kg	10
Pre-drying: Temperature	-	°C	80
Pre-drying: Time	-	h	2 - 4
Melt temperature, injection moulding	-	°C	220 - 260
Mould temperature, injection moulding	-	°C	30 - 60
Moulding shrinkage, free, longitudinal	-	%	0.4 - 0.7
<b>Flammability</b>			
UL94 rating at 1.6 mm thickness	UL-94	class	HB
Automotive materials (thickness d >= 1mm)	-	-	+
<b>Mechanical Properties</b>			
Tensile modulus	ISO 527-1/-2	MPa	2300
Yield stress, 50 mm/min	ISO 527-1/-2	MPa	45
Yield strain, 50 mm/min	ISO 527-1/-2	%	2.6
Nominal strain at break, 50 mm/min	ISO 527-1/-2	%	10
Flexural strength	ISO 178	MPa	65
Charpy impact strength (23°C)	ISO 179/1eU	kJ/m <sup>2</sup>	180
Charpy impact strength (-30°C)	ISO 179/1eU	kJ/m <sup>2</sup>	100
Izod notched impact strength (23°C)	ISO 180/A	kJ/m <sup>2</sup>	26
Izod notched impact strength (-30°C)	ISO 180/A	kJ/m <sup>2</sup>	9
Charpy notched impact strength (23°C)	ISO 179/1eA	kJ/m <sup>2</sup>	22
Charpy notched impact strength (-30°C)	ISO 179/1eA	kJ/m <sup>2</sup>	8
Izod notched impact strength, method A (23°C)	ASTM D 256	J/m	300
Ball indentation hardness	ISO 2039-1	MPa	97
Force	ISO 2039-1	N	358
Duration	ISO 2039-1	s	30
<b>Thermal properties</b>			
HDT A (1.80 MPa), measured using dried specimens	ISO 75-1/-2	°C	99
HDT B (0.45 MPa), measured using dried specimens	ISO 75-1/-2	°C	103
Vicat softening temperature VST/A/50	ISO 306	°C	105
Vicat softening temperature VST/B/50	ISO 306	°C	96
Max. service temperature (short cycle operation)	-	°C	90
Coefficient of linear thermal expansion, longitudinal (23-80)°C	ISO 11359-1/-2	E-4/°C	0.8 - 1.1
Thermal conductivity	DIN 52612-1	W/(m K)	0.17
<b>Electrical properties</b>			
Relative permittivity (100Hz)	IEC 60250	-	2.9
Relative permittivity (1 MHz)	IEC 60250	-	2.8
Dissipation factor (100 Hz)	IEC 60250	E-4	48
Dissipation factor (1 MHz)	IEC 60250	E-4	79
Volume resistivity	IEC 60093	Ohm*m	1E13
Surface resistivity	IEC 60093	Ohm	1E13
Electric strength K20/P50, d = 0.6 - 0.8 mm	IEC 60243-1	kV/mm	37
Comparative tracking index, CTI, test liquid A	IEC 60112	-	600
Comparative tracking index, CTIM, Test liquid B	IEC 60112	-	225