

Polifor® CL12 GF/15 V0-H

Polypropylene
Celanese Corporation

PROSPECTOR®

www.ulprospector.com

Technical Data

Product Description

Polypropylene, copolymer, 15% glass fiber reinforced, chemically coupled, heat stabilised, UL listed V0

General

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet		
Search for UL Yellow Card	• Celanese Corporation • Polifor®		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber		
Additive	• Flame Retardant	• Flame Retardant	
Features	• Flame Retardant	• Good Heat Resistance	
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
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Density	1.36 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5 g/10 min	ISO 1133

Mechanical	Nominal Value Unit	Test Method
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Tensile Stress (Break)	45.0 MPa	ISO 527-2/5
Flexural Modulus (23°C)	4500 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
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Charpy Notched Impact Strength (23°C)	11 kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45 kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	11 kJ/m ²	ISO 180/1A

Flammability	Nominal Value Unit	Test Method
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Flame Rating		UL 94
1.5 mm	V-0	
3.2 mm	V-0	

Injection	Nominal Value Unit
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Drying Temperature	80 to 100 °C
Drying Time	2.0 to 3.0 hr
Rear Temperature	190 to 210 °C
Middle Temperature	200 to 220 °C
Front Temperature	210 to 230 °C
Nozzle Temperature	210 to 230 °C
Mold Temperature	50 to 80 °C

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



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Where to Buy

Supplier

Celanese Corporation

Florence, Florence USA

Telephone: 800-833-4882

Web: <http://www.celanese.com/engineered-materials>

Distributor

AMP FRANCE

Telephone: +33-3-8920-1390

Web: <http://www.amp.fr/>

Availability: France

AMP TUNISIA

Telephone: +216-52-27-21-73

Web: <http://www.amp.fr/>

Availability: Tunisia

GAZECHIM PLASTIQUES

GAZECHIM PLASTIQUES is a Pan European distribution company. Contact GAZECHIM PLASTIQUES for availability of individual products by country.

Telephone: +33-4-67-49-55-37

Web: <http://www.gazechim.com/>

Availability: Belgium, France, Netherlands, Romania, Spain, United Kingdom

RESINEX Group

RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.

Telephone: +32-14-672511

Web: <http://www.resinex.com/>

Availability: Europe

SNETOR Distribution

SNETOR Distribution is a Pan European distribution company. Contact SNETOR for availability of individual products by country.

Telephone: +33-1-4904-8888

Web: <http://www.snetor.com/>

Availability: Bulgaria, Croatia, Czech Republic, France, Hungary, Poland, Romania, Serbia, Slovakia, Slovenia

