

## Solvay TECHNYLÂ® 2912GMH7-P PA66, 63% glass fiber, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 60% Glass Fiber Filled

### Material Notes:

Description: Polyamide 66, reinforced with 63% of glass fiber for injection molding. Available in: Asia Pacific

Product Applications: TECHNYLÂ® 2912GMH7-P is used in all sectors of industry, offering excellent combination between mechanical properties and surface aspect. This grade is widely used for automotive part: outside mirror base plate. This product is available in black color and in colors on request. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-TECHNYL-2912GMH7-P-PA66-63-glass-fiber-DRY.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-2912GMH7-P-PA66-63-glass-fiber-DRY.php)

Physical Properties	Metric	English	Comments
Density	1.72 g/cc	0.0621 lb/inÂ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0025 cm/cm	0.0025 in/in	
Linear Mold Shrinkage, Transverse	0.0045 cm/cm	0.0045 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	215 MPa	31200 psi	ASTM D638
Elongation at Break	1.5 %	1.5 %	ASTM D638
Flexural Strength	310 MPa	45000 psi	ASTM D790
Flexural Modulus	17.0 GPa	2470 ksi	ASTM D790
Izod Impact, Notched	2.15 J/cm	4.03 ft-lb/in	ASTM D265

Thermal Properties	Metric	English	Comments
Melting Point	262 Â°C	504 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	220 Â°C	428 Â°F	ASTM D648
Flammability, UL94	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

Processing Properties	Metric	English	Comments
Feed Temperature	260 - 265 Â°C	500 - 509 Â°F	
Front Barrel Temperature	280 - 290 Â°C	536 - 554 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	

Processing Properties	80.0 Å°C Metric	176 Å°F English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	265-275 Å°C	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China