

**Solvay TECHNYLÂ® 2412GM05-D PA66, 38% glass fiber, DRY**

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

**Material Notes:**

Description: Polyamid 66, reinforced with 38% of glass fiber and mineral filler, for injection molding. Available in: Asia Pacific Product

Applications: TECHNYLÂ® 2412GM05-D is used in all sectors of industry, offering good mechanical strength, low warpage, good surface aspect & heat resistance. This grade is widely used for: Automotive parts-Fan & shroud, Engine cover, Timing belt cover. 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-2412GM05-D-PA66-38-glass-fiber-DRY.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-2412GM05-D-PA66-38-glass-fiber-DRY.php)

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/inÂ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	125 MPa	18100 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	190 MPa	27600 psi	ASTM D790
Flexural Modulus	9.10 GPa	1320 ksi	ASTM D790

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 0.800 - 3.20 mm	HB @Thickness 0.0315 - 0.126 in	

Processing Properties	Metric	English	Comments
Feed Temperature	270 - 275 Â°C	518 - 527 Â°F	
Front Barrel Temperature	285 - 295 Â°C	545 - 563 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	
Drying Temperature	80.0 - 100 Â°C	176 - 212 Â°F	

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Descriptive Properties	Value	Comments
------------------------	-------	----------

Compression Zone	275-285°C	
------------------	-----------	--

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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