

OPNYL OP66GF15

Polyamide 66
Ovation Polymers Inc.

Message:
Nylon 66 - Glass reinforced (14 %), high tensile strength, stiffness and HDT.

General Information			
Filler / Reinforcement	Glass Fiber,14% Filler by Weight		
Features	High Stiffness		
	High Tensile Strength		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 3.17 mm	0.50 to 0.80	%	
Across Flow : 3.17 mm	0.60 to 1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	4100	MPa	ASTM D638
Tensile Strength ² (Yield)	105	MPa	ASTM D638
Tensile Elongation ³ (Break)	3.5	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	4300	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 50.0 mm Span)	135	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.20 mm	248	°C	
1.8 MPa, Unannealed, 3.20 mm	238	°C	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

