

OPNYL OP66UT105

Polyamide 66
Ovation Polymers Inc.

Message:
Ultra Tough - High Impact, Excellent retention of mechanical properties, High service temperature.

General Information			
Features	High Heat Resistance		
	High Impact Resistance		
	Ultra High Toughness		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Molding Shrinkage			
Flow : 3.17 mm	0.80 to 1.1	%	
Across Flow : 3.17 mm	1.5 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1800	MPa	ASTM D638
Tensile Strength ² (Yield)	50.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	25	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	1890	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 50.0 mm Span)	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	550	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	64.0	°C	ASTM D648
Peak Melting Temperature	256	°C	ASTM D3418
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

