

OPNYL LSE - OP66GF3015

Polyamide 66
Ovation Polymers Inc.

Message:
Low surface energy Nylon 66 for demanding applications such as bearings, bushes, rods and gears.

General Information			
Uses	Bearings		
	Bushings		
	Gears		
	Rods		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹ (23°C)	7530	MPa	ASTM D638
Tensile Strength ² (Yield, 23°C)	135	MPa	ASTM D638
Tensile Elongation ³ (Break, 23°C)	3.8	%	ASTM D638
Flexural Modulus ⁴ (23°C, 50.0 mm Span)	6900	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 23°C, 50.0 mm Span)	195	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	242	°C	ASTM D648
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

