

NIMA NH OP66GF25 FR

Polyethersulfone
Ovation Polymers Inc.

Message:
Glass Filled Polyamide 66 - Non-Hal red phosphorous based Flame Retardant Compound.

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Flame Retardant 2		
Features	Flame Retardant		
	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage			
Flow : 3.17 mm	0.50 to 1.3	%	
Across Flow : 3.17 mm	0.50 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3700	MPa	ASTM D638
Tensile Strength ² (Yield)	103	MPa	ASTM D638
Tensile Elongation ³ (Break)	4.0	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	6000	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 50.0 mm Span)	150	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	180	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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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

