NORYL™ 6390C resin

Polyphenylene Ether + PS

SABIC Innovative Plastics Europe

Message:

PPO

General Information			
RoHS Compliance	RoHS Compliant		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.07	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR)			ISO 1133
280°C/10.0 kg	8.00	cm³/10min	
280°C/21.6 kg	14.0	cm³/10min	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2550	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	81.0	MPa	
Break	76.0	MPa	
Tensile Strain			ISO 527-2/50
Yield	5.6	%	
Break	8.0	%	
Flexural Modulus [1]	2600	MPa	ISO 178
Flexural Stress	120	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength [2]			ISO 180/1A
-30°C	4.0	kJ/m²	
23°C	4.0	kJ/m²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature [3] (1.8 MPa, Unannealed, 64.0 mm Span)	170	°C	ISO 75-2/Af
Glass Transition Temperature	196	°C	DSC
Vicat Softening Temperature	192	°C	ISO 306/B120
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4 mm		

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Recommended distributors for this material

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