

NORYL™ EN95 resin

Polyphenylene Ether + PS

SABIC Innovative Plastics Asia Pacific

Message:

Low heat, extrusion grade PPO/HIPS alloy.

General Information			
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	45.0	MPa	ASTM D638
Tensile Elongation ² (Break)	50	%	ASTM D638
Flexural Modulus ³ (50.0 mm Span)	2300	MPa	ASTM D790
Flexural Strength ⁴ (Yield, 50.0 mm Span)	75.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	280	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed, 3.20 mm	100	°C	
1.8 MPa, Unannealed, 6.40 mm	108	°C	
Injection	Nominal Value	Unit	
Drying Temperature	100 to 105	°C	
Drying Time	2.0 to 4.0	hr	
Drying Time, Maximum	8.0	hr	
Processing (Melt) Temp	210 to 230	°C	
NOTE			
1.	Type I, 50 mm/min		
2.	Type I, 50 mm/min		
3.	1.3 mm/min		
4.	1.3 mm/min		

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Recommended distributors for this material

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