

NORYL™ GTX870 resin

Polyphenylene Ether + PS + Nylon

SABIC Innovative Plastics Asia Pacific

Message:

PPE+PA, Glass 20%

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.40 to 0.80	%	Internal Method
Water Absorption (24 hr)	0.50	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield	118	MPa	Internal Method
Yield ¹	122	MPa	ASTM D638
Tensile Elongation			
Break	12	%	Internal Method
Break ²	5.0	%	ASTM D638
Flexural Modulus	5680	MPa	ASTM D790
Flexural Strength	167	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	200	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	4.0E-5 to 6.0E-5	cm/cm/°C	ASTM E831
NOTE			
1.	Type I, 5.0 mm/min		
2.	Type I, 5.0 mm/min		

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Recommended distributors for this material

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