

NORYL™ TPN9221 resin

Polyphenylene Ether + PS

SABIC Innovative Plastics Asia Pacific

Message:

Transparent NORYL grade with 90dc and V-2 FR

General Information			
UL YellowCard	E45587-237113	E207780-228598	
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	Internal Method
Water Absorption (24 hr)	0.070	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	66.7	MPa	Internal Method
Tensile Elongation (Break)	15	%	Internal Method
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	73.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	90.0	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	7.0E-5	cm/cm/°C	ASTM E831
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-2	UL 94	

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Recommended distributors for this material

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