

NORYL™ CN5260 resin

Polyphenylene Ether + PS

SABIC Innovative Plastics Asia Pacific

Message:

50% filled FR high modulus PPE/PS blend

General Information			
UL YellowCard	E207780-228542		
Filler / Reinforcement	Filler,50% Filler by Weight		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/5.0 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.15 to 0.25	%	Internal Method
Water Absorption (24 hr)	0.060	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	129	MPa	Internal Method
Tensile Elongation (Break)	5.0	%	Internal Method
Flexural Modulus	12400	MPa	ASTM D790
Flexural Strength	162	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	58	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	125	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	2.0E-5 to 3.1E-5	cm/cm/°C	ASTM E831

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Recommended distributors for this material

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