

NORYL™ CN5246 resin

Polyphenylene Ether + PS

SABIC Innovative Plastics Asia Pacific

Message:

30% Filled FR High Modulus PPE/PS blend

General Information			
UL YellowCard	E207780-228542		
Filler / Reinforcement	Filler,30% Filler by Weight		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.25 to 0.30	%	Internal Method
Water Absorption (24 hr)	0.060	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	109	MPa	Internal Method
Tensile Elongation (Break)	7.0	%	Internal Method
Flexural Modulus	8230	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	68	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)	2.4E-5 to 3.4E-5	cm/cm/°C	ASTM E831

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Recommended distributors for this material

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