

NORYL™ CN1134 resin

Polyphenylene Ether + PS

SABIC Innovative Plastics Asia Pacific

Message:

20% filled FR high modulus PPE/PS blend

General Information			
UL YellowCard	E207780-228541		
Filler / Reinforcement	Filler,20% Filler by Weight		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/2.16 kg)	22	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.25 to 0.35	%	Internal Method
Water Absorption (24 hr)	0.070	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	98.7	MPa	Internal Method
Tensile Elongation (Break)	7.0	%	Internal Method
Flexural Modulus	5880	MPa	ASTM D790
Flexural Strength	137	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)	106	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	2.5E-5 to 3.5E-5	cm/cm/°C	ASTM E831

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Recommended distributors for this material

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