

NORYL™ LEN2211 resin

Polyphenylene Ether + PS

SABIC Innovative Plastics Asia Pacific

Message:

PPE / HIPS unfilled, FR for LED application

General Information			
UL YellowCard	E45587-237044	E207780-228555	
Features	Flame Retardant		
Uses	LEDs		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/10.0 kg)	7.0	g/10 min	ASTM D1238
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)	57.9	MPa	Internal Method
Tensile Elongation (Break)	35	%	Internal Method
Flexural Modulus	2840	MPa	ASTM D790
Flexural Strength	96.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	120	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	6.0E-5	cm/cm/°C	ASTM E831

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Recommended distributors for this material

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