

LNP™ STAT-KON™ 115EM4 compound

Polyphenylene Ether + PS

SABIC Innovative Plastics Asia Pacific

Message:

LNP* STAT-KON* 115EM4 is an electrically conductive compound based on PPE+PS containing carbon powder.

General Information			
Filler / Reinforcement	Carbon Powder		
Features	Electrically Conductive		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.70 to 0.80	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	69.0	MPa	Internal Method
Tensile Elongation (Break)	6.0	%	Internal Method
Flexural Modulus	3340	MPa	ASTM D790
Flexural Strength	108	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 (0.45 MPa, Unannealed, 3.20 mm)	163	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4 to 1.0E+6	ohms	ASTM D257

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