LNP™ STAT-KON™ COMPOUND REF42XXP

RCF-1006S

DESCRIPTION

LNP STAT-KON REF42XXP is a compound based on Nylon 66 resin containing Glass Fiber, Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20191212

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break, 5 mm/min	189	MPa	ISO 527
Tensile Strain, break, 5 mm/min	3.1	%	ISO 527
Flexural Stress, break, 2 mm/min	250	MPa	ISO 178
Flexural Modulus, 2 mm/min	8700	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	60	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	8	kJ/m²	ISO 180/1A
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow	0.1 – 0.3	%	SABIC method
Density	1.32	g/cm³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+03 – 1.E+05	Ohm	ASTM D 257

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