LNP™ STAT-KON™ COMPOUND LC108

DESCRIPTION

LNP™ STAT-KON™ LC108 Compound. Polycarbonate base, 8% carbon fiber reinforced, FR

TYPICAL PROPERTY VALUES

Revision 20191212

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	98	MPa	SABIC - Japan Method
Tensile Strain, break	4 – 6	%	SABIC - Japan Method
Flexural Stress	160	MPa	ASTM D 790
Flexural Modulus	5980	MPa	ASTM D 790
Hardness, Rockwell M	88	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	88	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	142	°C	ASTM D 648
CTE, -30°C to 30°C	0.000035 – 0.000059	1/°C	TMA
PHYSICAL			
Specific Gravity	1.22	-	ASTM D 792
Water Absorption, 24 hours	0.13	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.2 – 0.4	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+08 – 1.E+12	Ohm	ASTM D 257

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