LNP™ STAT-KON™ COMPOUND AE004

AC-1004
REGION ASIA

DESCRIPTION

LNP STAT-KON* AE004 is a compound based on ABS resin containing 20% Carbon Fiber. Added feature of this material is: Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20181101

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	106	MPa	ASTM D 638
Tensile Strain, break	1.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	12960	MPa	ASTM D 638
Flexural Stress	158	MPa	ASTM D 790
Flexural Modulus	12610	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	320	J/m	ASTM D 4812
Izod Impact, notched, 23°C	60	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	100	°C	ASTM D 648
PHYSICAL			
Density	1.14	g/cm³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+02 – 1E+04	Ohm	ASTM D 257

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