LNP™ STAT-KON™ COMPOUND ME003S

MC-1003 HS
REGION ASIA

DESCRIPTION

LNP STAT-KON ME003S is a compound based on Polypropylene resin containing 15% Carbon Fiber. Added features of this material include: Electrically Conductive, Heat Stabilized.

TYPICAL PROPERTY VALUES

Revision 20190729

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	40	MPa	ASTM D 638
Tensile Strain, break	3	%	ASTM D 638
Flexural Stress	65	MPa	ASTM D 790
Flexural Modulus	5100	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	320	J/m	ASTM D 4812
Izod Impact, notched, 23°C	53	J/m	ASTM D 256
ELECTRICAL			
Surface Resistivity	1.E+03 – 1.E+06	Ohm	ASTM D 257
INJECTION MOLDING			
Drying Temperature	80	°C	
Drying Time	4	hrs	
Melt Temperature	225 – 250	°C	
Front - Zone 3 Temperature	240 – 250	°C	
Middle - Zone 2 Temperature	215 – 225	°C	
Rear - Zone 1 Temperature	195 – 205	°C	
Mold Temperature	30 – 50	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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