LNP™ STAT-KON™ COMPOUND ME006

MC-1006
REGION ASIA

DESCRIPTION

LNP STAT-KON* ME006 is a compound based on Polypropylene resin containing 30% Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20181220

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	59	MPa	ASTM D 638
Tensile Strain, break	0.5	%	ASTM D 638
Flexural Stress	85	MPa	ASTM D 790
Flexural Modulus	11030	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	213	J/m	ASTM D 4812
Izod Impact, notched, 23°C	58	J/m	ASTM D 256
PHYSICAL			
Density	1.06	g/cm³	ASTM D 792
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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