LNP™ STAT-KON™ Compound FX98501

PDX-F-98501
REGION ASIA

DESCRIPTION

LNP STAT-KON FX98501 compound is based on Polyethylene (PE) resin containing conductive carbon powder and glass fiber. Added features of this grade include: Electrically Conductive.

GENERAL INFORMATION	
Features	Electrically Conductive, No PFAS intentionally added
Fillers	Carbon Powder, Glass Fiber (Total fluorine >50ppm only from inorganic fluorine)
Polymer Types	Polyethylene, Unspecified (PE, Unspecified)
Processing Techniques	Injection Molding

INDUSTRY	SUB INDUSTRY
Automotive	Automotive Under the Hood
Electrical and Electronics	Electronic Components
Industrial	Material Handling

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL [1]			
Tensile Stress, break	40	MPa	ISO 527
Tensile Modulus, 1 mm/min	2820	MPa	ISO 527
Flexural Modulus	2630	MPa	ISO 178
IMPACT [1]			
Izod Impact, notched 80*10*4 +23°C	12	kJ/m²	ISO 180/1A
THERMAL [1]			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	85	°C	ISO 75/Af
PHYSICAL [1]			
Density	1.08	g/cm³	ISO 1183
ELECTRICAL [1]			
Surface Resistivity [2]	1.E+02 – 1.E+05	Ω	ASTM D257

(1) The information stated on Technical Datasheets should be used as indicative only for material selection purposes and not be utilized as specification or used for part or tool design.
(2) Measurement meets requirements as specified in ASTM D4496.

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