LNP™ STAT-KON™ COMPOUND AX02747

PDX-A-02747
REGION ASIA

DESCRIPTION

LNP STAT-KON AX02747 compound is based on Acrylonitrile Butadiene Styrene (ABS) resin containing carbon fiber. Added features of this grade include: Electrically Conductive.

GENERAL INFORMATION	
Features	Electrically Conductive, No PFAS intentionally added
Fillers	Carbon Fiber
Polymer Types	Acrylonitrile Butadiene Styrene (ABS)
Processing Techniques	Injection Molding

INDUSTRY	SUB INDUSTRY
Hygiene and Healthcare	Patient Testing

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL [1]			
Tensile Stress, break	106	MPa	ASTM D638
Tensile Strain, break	1	%	ASTM D638
Tensile Modulus, 5 mm/min	19980	MPa	ASTM D638
Flexural Stress	179	MPa	ASTM D790
Flexural Modulus	18090	MPa	ASTM D790
IMPACT [1]			
Izod Impact, notched, 23°C	42	J/m	ASTM D256
PHYSICAL [1]			
Density	1.27	g/cm³	ASTM D792
ELECTRICAL [1]			
Surface Resistivity [2]	1.E+01 – 1.E+06	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.

DISCLAIMER