

LNP™ STAT-KON™ COMPOUND 9X02785

PDX-D-02785
REGION ASIA

DESCRIPTION

LNP STAT-KON* 9X02785 is a compound based on Polycarbonate resin containing Proprietary Filler(s). Added feature of this material is: Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20170816

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	64	MPa	ASTM D 638
Tensile Strain, break	4	%	ASTM D 638
Tensile Modulus, 50 mm/min	2890	MPa	ASTM D 638
Flexural Stress	103	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	1602	J/m	ASTM D 4812
Izod Impact, notched, 23°C	66	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	102	°C	ASTM D 648
PHYSICAL			
Density	1.26	g/cm ³	ASTM D 792
ELECTRICAL			
Volume Resistivity	100 – 10000000	Ohm-cm	ASTM D 257
Surface Resistivity	1.E+02 – 1.E+07	Ohm	ASTM D 257
MECHANICAL PROPERTIES			
Flexural modulus	2890	MPa	ISO 178/1A
INJECTION MOLDING			
Drying Temperature	120	°C	
Drying Time	4	hrs	
Maximum Moisture Content	0.02	%	
Melt Temperature	305 – 325	°C	
Front - Zone 3 Temperature	320 – 330	°C	
Middle - Zone 2 Temperature	310 – 320	°C	

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
Rear - Zone 1 Temperature	295 – 305	°C	
Mold Temperature	80 – 110	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

DISCLAIMER

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.

SABIC as referred to herein means any legal entity belonging to the group of companies headed by Saudi Arabia Basic Industries Corporation.