

LNP™ STAT-KON™ COMPOUND LX00797C

PDX-L-00797 CCS
REGION AMERICAS

DESCRIPTION

LNP* STAT-KON* LX00797C is a compound based on Polyetheretherketone containing Proprietary Filler(s). Added features of this material include: ristics of this grade are: Clean Compounding System, Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20170913

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	155	MPa	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	2.5	%	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	195	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	7920	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	270	J/m	ASTM D 4812
Izod Impact, notched, 23°C	53	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	310	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.39	-	ASTM D 792
Moisture Absorption, 50% RH, 24 hrs	0.1	%	ASTM D 570
ELECTRICAL			
Volume Resistivity	1000 – 1000000	Ohm-cm	ASTM D 257
Surface Resistivity	1.E+03 – 1.E+06	Ohm	ASTM D 257
INJECTION MOLDING			
Drying Temperature	150	°C	
Drying Time	4 – 6	hrs	
Front - Zone 3 Temperature	380 – 400	°C	
Middle - Zone 2 Temperature	380 – 400	°C	
Rear - Zone 1 Temperature	370 – 380	°C	
Mold Temperature	175 – 190	°C	
Back Pressure	0.3 – 0.7	MPa	

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
Screw Speed	60 – 100	rpm	

DISCLAIMER

Any sale by SABIC, its subsidiaries and affiliates (each a “seller”), is made exclusively under seller’s standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NONINFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer’s particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.