

# LNPTM STAT-KONTM COMPOUND DEP32

DCL-4532

REGION EUROPE

## DESCRIPTION

LNP STAT-KON DEP32 is a compound based on Polycarbonate containing 10% Carbon Fiber, 15% PTFE/Silicone. Added features of this material include: Electrically Conductive, Wear Resistant.

## TYPICAL PROPERTY VALUES

Revision 20180905

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Tensile Stress, break, 5 mm/min	108	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.8	%	ISO 527
Tensile Modulus, 1 mm/min	8900	MPa	ISO 527
<b>IMPACT</b>			
Izod Impact, notched 80*10*4 +23°C	8	kJ/m <sup>2</sup>	ISO 180/1A
<b>THERMAL</b>			
CTE, 23°C to 60°C, flow	1.6E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	6.1E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	143	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	139	°C	ISO 75/Af
<b>ELECTRICAL</b>			
Surface Resistivity	1.E+03 – 1.E+04	Ohm	ASTM D 257

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