

LNPTM STAT-KONTM COMPOUND DEL36

DCL-4036

REGION ASIA

DESCRIPTION

LNP STAT-KON DEL36 compound is based on Polycarbonate (PC) resin containing 30% carbon fiber, 15% PTFE. Added features of this grade include: Electrically Conductive, Wear Resistant.

GENERAL INFORMATION

Features	Electrically Conductive, Wear resistant, Carbon fiber filled, High stiffness/Strength
Fillers	Carbon Fiber, PTFE
Polymer Types	Polycarbonate (PC)
Processing Techniques	Injection Molding

INDUSTRY

Electrical and Electronics
Industrial

SUB INDUSTRY

Electronic Components
Material Handling

TYPICAL PROPERTY VALUES

Revision 20230607

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
Tensile Stress, break	111	MPa	ASTM D638
Tensile Strain, break	1.5	%	ASTM D638
Tensile Modulus, 50 mm/min	18500	MPa	ASTM D638
Flexural Stress	165	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	475	J/m	ASTM D4812
Izod Impact, notched, 23°C	73	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	144	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	1.43	g/cm ³	ASTM D792
ELECTRICAL ⁽¹⁾			
Surface Resistivity ⁽²⁾	1.E+01 – 1.E+04	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.

MORE INFORMATION

For curve data and CAE cards, please visit and register at <https://materialfinder.sabic-specialties.com>

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