

LNPTM STAT-KONTM COMPOUND DE0069F

DC-1006 FR SM
REGION ASIA

DESCRIPTION

LNP STAT-KON DE0069F compound is based on Polycarbonate (PC) resin containing 30% carbon fiber. Added features of this grade include: Electrically Conductive, Flame Retardant, Superior Molding.

GENERAL INFORMATION

Features	Flame Retardant, Electrically Conductive, High Flow, Carbon fiber filled, High stiffness/Strength
Fillers	Carbon Fiber
Polymer Types	Polycarbonate (PC)
Processing Techniques	Injection Molding

INDUSTRY

Electrical and Electronics
Industrial

SUB INDUSTRY

Electronic Components
Material Handling

TYPICAL PROPERTY VALUES

Revision 20230713

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
Tensile Stress, break	125	MPa	ASTM D638
Tensile Strain, break	1.4	%	ASTM D638
Tensile Modulus, 5 mm/min	17320	MPa	ASTM D638
Flexural Stress	199	MPa	ASTM D790
Flexural Modulus	16540	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	464	J/m	ASTM D4812
Izod Impact, notched, 23°C	52	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	142	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	1.36	g/cm ³	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.

MORE INFORMATION

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

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