



LNP™ STAT-KON™ Compound DE0026

Europe-Africa-Middle East: COMMERCIAL

LNP* Stat-kon* DC-1002 FR is a compound based on LNP* Stat-kon* DC-1002 FR is a compound based on Polycarbonate resin containing Flame Retardant, Carbon Fiber. Added features of this material include: Flame Retardant, Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	111	MPa	ISO 527
Tensile Strain, break, 5 mm/min	2.8	%	ISO 527
Flexural Stress, break, 2 mm/min	153	MPa	ISO 178
Flexural Modulus, 2 mm/min	6000	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	30	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	8	kJ/m ²	ISO 180/1A
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow (2) (5)	0.1 - 0.3	%	SABIC Method
Density	1.23	g/cm ³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+02 - 1.E+06	Ohm	ASTM D 257
FLAME CHARACTERISTICS			
UL Recognized, 94V-0 Flame Class Rating (3)	1.5	mm	UL 94