+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

LNP™ STAT-KON™ Compound UEF26AS

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound UCF-1006-2 A
Product reorder name: UEF26AS

LNP STAT-KON UEF26AS is a compound based on Polyphthalamide resin containing Glass Fiber, Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTIES[1]	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	255	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.3	%	ISO 527
Flexural Stress, break, 2 mm/min	366	MPa	ISO 178
Flexural Modulus, 2 mm/min	26600	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	40	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	8	kJ/m²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	8.4E-06	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	4.7E-05	1/°C	ISO 11359-2
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	271	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow (2) (5)	0.1 - 0.2	%	SABIC Method
Density	1.41	g/cm³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+01 - 1.E+03	Ohm	ASTM D 257

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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4	hrs
Maximum Moisture Content	0.15	%
Melt Temperature	315 - 330	°C
Front - Zone 3 Temperature	325 - 340	°C
Middle - Zone 2 Temperature	315 - 325	°C
Rear - Zone 1 Temperature	310 - 320	°C
Mold Temperature	140 - 165	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm