



LNP™ STAT-KON™ Compound TX06488NTX1

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound TX06488

Product reorder name: TX06488NTX1

LNP STAT-KON TX06488NTX1 is a compound based on Polyurethane resin containing Proprietary Filler(s). Added features of this grade are: Excellent Ductility, Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yld, Type I, 5 mm/min	190	kgf/cm ²	ASTM D 638
Tensile Stress, brk, Type I, 5 mm/min	180	kgf/cm ²	ASTM D 638
Tensile Strain, yld, Type I, 5 mm/min	388	%	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	392	%	ASTM D 638
Tensile Modulus, 5 mm/min	600	kgf/cm ²	ASTM D 638
Flexural Modulus, 1.3 mm/min, 50 mm span	600	kgf/cm ²	ASTM D 790
IMPACT			
Multiaxial Impact	418	cm-kgf	ISO 6603
Instrumented Impact Total Energy, 23°C	405	cm-kgf	ASTM D 3763
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	23	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	23	°C	ASTM D 648
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	23	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	23	°C	ISO 75/Af
PHYSICAL			
Specific Gravity	1.28	-	ASTM D 792
Density	1.28	g/cm ³	ASTM D 792
Moisture Absorption, 50% RH, 24 hrs	0.67	%	ASTM D 570
Mold Shrinkage, flow, 24 hrs (5)	0.8 - 1	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs (5)	0.4 - 0.6	%	ASTM D 955
Moisture Absorption (23°C / 50% RH)	0.89	%	ISO 62
ELECTRICAL			
Surface Resistivity	1.E+02 - 1.E+05	Ohm	ASTM D 257