# LNP™ STAT-KON™ COMPOUND TX06488

TX06488

## DESCRIPTION

LNP STAT-KON TX06488 is a compound based on Polyurethane resin containing Proprietary Filler(s). Added features of this grade are: Execllent Ductility, Electrically Conductive.

## TYPICAL PROPERTY VALUES

Revision 20191210

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|---|---|---|---|
| MECHANICAL | | | |
| Tensile Stress, yld, Type I, 5 mm/min | 19 | MPa | ASTM D 638 |
| Tensile Stress, brk, Type I, 5 mm/min | 18 | MPa | 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 | 60 | MPa | ASTM D 638 |
| Flexural Modulus, 1.3 mm/min, 50 mm span | 60 | MPa | ASTM D 790 |
| IMPACT | | | |
| Multiaxial Impact | 41 | J | ISO 6603 |
| Instrumented Impact Total Energy, 23°C | 39 | J | 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/cm³ | ASTM D 792 |
| Moisture Absorption, 50% RH, 24 hrs | 0.67 | % | ASTM D 570 |
| Mold Shrinkage, flow, 24 hrs | 0.8 – 1 | % | ASTM D 955 |
| Mold Shrinkage, xflow, 24 hrs | 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 |

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