

LNPTM STAT-KONTM COMPOUND AX02747

PDX-A-02747

REGION ASIA

DESCRIPTION

LNP STAT-KON AX02747 compound is based on Acrylonitrile Butadiene Styrene (ABS) resin containing carbon fiber. Added features of this grade include: Electrically Conductive.

| GENERAL INFORMATION | |
|------------------------|--|
| Features | Electrically Conductive, No PFAS intentionally added |
| Fillers | Carbon Fiber |
| Polymer Types | Acrylonitrile Butadiene Styrene (ABS) |
| Processing Techniques | Injection Molding |
| INDUSTRY | SUB INDUSTRY |
| Hygiene and Healthcare | Patient Testing |

TYPICAL PROPERTY VALUES

Revision 20231109

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|------------------------------------|-----------------|-------------------|--------------|
| MECHANICAL ⁽¹⁾ | | | |
| Tensile Stress, break | 106 | MPa | ASTM D638 |
| Tensile Strain, break | 1 | % | ASTM D638 |
| Tensile Modulus, 5 mm/min | 19980 | MPa | ASTM D638 |
| Flexural Stress | 179 | MPa | ASTM D790 |
| Flexural Modulus | 18090 | MPa | ASTM D790 |
| IMPACT ⁽¹⁾ | | | |
| Izod Impact, notched, 23°C | 42 | J/m | ASTM D256 |
| PHYSICAL ⁽¹⁾ | | | |
| Density | 1.27 | 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.

ADDITIONAL PRODUCT NOTES

No PFAS intentionally added: The grade listed in this document does not contain PFAS intentionally added during Seller's manufacturing process and is not expected to contain unintentional PFAS impurities. Each user is responsible for evaluating the presence of unintentional PFAS impurities.



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