# LNP™ THERMOCOMP™ COMPOUND PFW53U

PFM-3253 UV
REGION ASIA

## DESCRIPTION

LNP THERMOCOMP* PFW53U is a compound based on Nylon 6 resin containing 15% Glass Fiber, 25% Wollastinite. Added features of this material include: UV Stabilized.

## TYPICAL PROPERTY VALUES

Revision 20181223

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|---|---|---|---|
| MECHANICAL | | | |
| Tensile Stress, break | 112 | MPa | ISO 527 |
| Tensile Strain, break | 2.3 | % | ISO 527 |
| Tensile Modulus, 1 mm/min | 8500 | MPa | ISO 527 |
| Flexural Modulus | 7290 | MPa | ISO 178 |
| IMPACT | | | |
| Izod Impact, notched 80*10*4 +23°C | 5 | kJ/m² | ISO 180/1A |
| THERMAL | | | |
| HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm | 196 | °C | ISO 75/Af |
| PHYSICAL | | | |
| Density | 1.47 | g/cm³ | ISO 1183 |

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