

SABIC Innovative Plastics LNP THERMOCOMP UCF26AS PPA (Asia Pacific)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

Material Notes:

LNP* Thermocomp* UCF26AS is a compound based on Polyphthalamide resin containing Carbon Fiber. Added features of this material include: Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-UCF26AS-PPA-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	249 MPa	36100 psi	ASTM D638
Elongation at Break	1.0 %	1.0 %	ASTM D638
Tensile Modulus	24.33 GPa	3529 ksi	50 mm/min; ASTM D638
Flexural Strength	351 MPa	50900 psi	ASTM D790
Flexural Modulus	22.75 GPa	3300 ksi	ASTM D790
Izod Impact, Notched	0.690 J/cm	1.29 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.01 J/cm	15.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	267 Â°C @Thickness 3.20 mm	513 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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