LNP™ THERMOTUF™ COMPOUND PX06416

PF-1003 EM HI HS
REGION ASIA

DESCRIPTION

LNP THERMOTUF PX06416 is a compound based on Nylon 6 resin containing 15% Glass Fiber. Added features of this material include: High Impact, Easy Molding, Heat Stabilized.

TYPICAL PROPERTY VALUES

Revision 20190102

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	82	MPa	ASTM D 638
Tensile Strain, break	3.1	%	ASTM D 638
Tensile Modulus, 50 mm/min	4870	MPa	ASTM D 638
Flexural Stress	124	MPa	ASTM D 790
Flexural Modulus	3610	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	796	J/m	ASTM D 4812
Izod Impact, notched, 23°C	96	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	97	°C	ASTM D 648
PHYSICAL			
Density	1.22	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.4	%	ASTM D 955

DISCLAIMER

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NONINFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.

© 2019 Copyright by SABIC. All rights reserved