LNP™ THERMOCOMP™ COMPOUND 5C004

FP-VC-1004
REGION ASIA

DESCRIPTION

LNP THERMOCOMP 5C004 is a compound based on Polyvinylidene Fluoride resin containing 20% Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20181030

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	84	MPa	ASTM D 638
Tensile Strain, break	0.7	%	ASTM D 638
Tensile Modulus, 50 mm/min	16440	MPa	ASTM D 638
Flexural Stress	137	MPa	ASTM D 790
Flexural Modulus	13930	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	285	J/m	ASTM D 4812
Izod Impact, notched, 23°C	53	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	153	°C	ASTM D 648
PHYSICAL			
Density	1.75	g/cm³	ASTM D 792

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.

© 2018 Copyright by SABIC. All rights reserved