LNP™ LUBRICOMP™ COMPOUND UFL269SA

UFL-4026 A FR HS
REGION ASIA

DESCRIPTION

LNP* Lubricomp* UFL269SA is a compound based on Polyphthalamide resin containing Glass Fiber, PTFE, Flame Retardant. Added features of this material include: Wear Resistant, Heat Stabilized, Flame Retardant.

TYPICAL PROPERTY VALUES

Revision 20191125

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	162	MPa	ASTM D 638
Tensile Strain, break	1.7	%	ASTM D 638
Tensile Modulus, 50 mm/min	13650	MPa	ASTM D 638
Flexural Stress	227	MPa	ASTM D 790
Flexural Modulus	12820	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	461	J/m	ASTM D 4812
Izod Impact, notched, 23°C	85	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	273	°C	ASTM D 648
PHYSICAL			
Density	1.71	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.2 – 0.4	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.7 – 0.9	%	ASTM D 955
Wear Factor Washer	85	10^-10 in^5-min/ft-lb-hr	ASTM D 3702 Modified: Manual
Dynamic COF	0.47	-	ASTM D 3702 Modified: Manual
Static COF	0.38	-	ASTM D 3702 Modified: Manual
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E207780-103093683	-	-
UL Recognized, 94V-0 Flame Class Rating	≥1.5	mm	UL 94

(1) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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