

LNP* Lubricomp* Compound UFL269SA

Americas: COMMERCIAL

Also known as: UFL-4026 A FR HS
Product Reorder Name: UFL269SA

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

Property

TYPICAL PROPERTIES ⁽¹⁾			
	Value	Unit	Standard
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/cm ³	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
Dynamic COF	0.47	-	ASTM D 3702 Modified
Static COF	0.38	-	ASTM D 3702 Modified
FLAME CHARACTERISTICS			
UL Compliant, 94V-0 Flame Class Rating (3)(4)	1.5	mm	UL 94 by GE

Source GMD, last updated:11/30/2005

Processing

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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