

LNP* Verton* Compound RX89047

Americas: COMMERCIAL

Also known as: PDX-R-89047
Product Reorder Name: RX89047

LNP* Verton* RX89047 is a compound based on Nylon 66 resin.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Stress, break	202	MPa	ASTM D 638
Tensile Strain, break	2.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	11370	MPa	ASTM D 638
Flexural Stress	317	MPa	ASTM D 790
Flexural Modulus	9650	MPa	ASTM D 790
Tensile Stress, break	198	MPa	ISO 527
Tensile Strain, break	198	%	ISO 527
Flexural Modulus	9500	MPa	ISO 178
IMPACT	Value	Unit	Standard
Izod Impact, unnotched, 23°C	1014	J/m	ASTM D 4812
Izod Impact, notched, 23°C	357	J/m	ASTM D 256
Izod Impact, notched 80*10*4 +23°C	24	kJ/m ²	ISO 180/1A
THERMAL	Value	Unit	Standard
HDT, 1.82 MPa, 3.2mm, unannealed	253	°C	ASTM D 648
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	251	°C	ISO 75/Af
PHYSICAL	Value	Unit	Standard
Density	1.42	g/cm ³	ASTM D 792
Density	1.41	g/cm ³	ISO 1183

Source GMD, last updated:03/01/2006

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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