

LNP™ VERTON™ RX89047 compound

Polyamide 66
SABIC Innovative Plastics

Message:

LNP VERTON RX89047 is a compound based on Nylon 66 resin.
Also known as: LNP* VERTON* Compound PDX-R-89047
Product reorder name: RX89047

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.42	g/cm ³	ASTM D792
--	1.41	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	11400	MPa	ASTM D638
Tensile Strength			
Fracture	202	MPa	ASTM D638
Fracture	198	MPa	ISO 527-2
Tensile Elongation			
Fracture	2.3	%	ASTM D638
Fracture	200	%	ISO 527-2
Flexural Modulus			
--	9650	MPa	ASTM D790
--	9500	MPa	ISO 178
Flexural Strength	317	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C	360	J/m	ASTM D256
23°C ²	24	kJ/m ²	ISO 180/1A
Unnotched Izod Impact (23°C)	1000	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, unannealed, 3.20mm	253	°C	ASTM D648
1.8 MPa, unannealed, 64.0mm span ³	251	°C	ISO 75-2/Af
NOTE			
1.	50 mm/min		
2.	80*10*4		
3.	80*10*4 mm		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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