

Polytron® A35N01

Polyamide 66

Polyram Ram-On Industries

Message:

35% LONG FIBER GLASS REINFORCED NATURAL NYLON 6.6 HEAT STABILIZED FOR INJECTION

General Information			
Filler / Reinforcement	Long Glass Fiber,35% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Water Absorption			
Saturation	3.4	%	ASTM D570
Saturation, 23°C	3.4	%	ISO 62
Equilibrium	1.0	%	ASTM D570
Equilibrium, 23°C, 50% RH	1.0	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11500	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	180	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	1.7	%	ASTM D638, ISO 527-2
Flexural Modulus	11000	MPa	ASTM D790, ISO 178
Flexural Strength	280	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			
23°C	23.0	J/m	ASTM D256
23°C	23	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength - ASTM D256 (23°C)	70.0	J/m	
Charpy Unnotched Impact Strength (23°C)	70	kJ/m ²	ISO 179
Notched Izod Impact			
23°C	21	J/m	ASTM D256
23°C	21	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648, ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

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

