

NORYL GTX™ GTX902D resin

Polyphenylene Ether + PS + Nylon

SABIC Innovative Plastics Europe

Message:

NORYL GTX GTX902D Resin is a blend of PPE/Polyamide 66. The material offers a unique pellet size compared to traditional NORYL GTX Resin. The material can be injection molded.

General Information			
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Water Absorption			ISO 62
Saturated, 23°C	3.5	%	ISO 62
Equilibrium, 23°C, 50% RH	1.1	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	60.0	MPa	ISO 527-2/50
Fracture	55.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	8.0	%	ISO 527-2/50
Fracture	30	%	ISO 527-2/50
Flexural Modulus ¹	2100	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ² (23°C)	8.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact ³			ISO 180/1A
-30°C	7.0	kJ/m ²	ISO 180/1A
23°C	10	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	160	°C	ISO 306/B50
--	162	°C	ISO 306/B120
Injection	Nominal Value	Unit	
Drying Temperature	100 - 120	°C	
Drying Time	2.0 - 3.0	hr	
Suggested Max Moisture	0.070	%	
Hopper Temperature	60.0 - 80.0	°C	
Rear Temperature	260 - 280	°C	

Middle Temperature	270 - 290	°C
Front Temperature	280 - 300	°C
Nozzle Temperature	270 - 300	°C
Processing (Melt) Temp	280 - 310	°C
Mold Temperature	80.0 - 120	°C

Injection instructions

Minimum Moisture Content: .02 %

NOTE

1.	2.0 mm/min
2.	80*10*4 sp=62mm
3.	80*10*4

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

