

DOW™ HDPE GRSN-6001 NT

High Density Polyethylene Resin

The Dow Chemical Company

Message:

DOW GRSN-6001 NT high density polyethylene resin (HDPE) was prepared by UNIPOL™ technology. This is a powder product used in the manufacture of blends, such as concentrated masterbatch, masterbatch and plastic wood composite materials.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.50	g/10 min	ASTM D1238
190°C/21.6 kg	38	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	54		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	23.6	MPa	ASTM D638
Fracture	19.7	MPa	ASTM D638
Tensile Elongation (Break)	720	%	ASTM D638
Flexural Modulus - 2% Secant	624	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	129	°C	ASTM D1525
Melting Temperature (DSC)	131	°C	Internal method
Additional Information			

根据 ASTM D 4976 进行基板模制和测试。

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



WECHAT