

Generic HDPE, MMW

High Density (MMW) Polyethylene

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic HDPE, MMW
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.944 - 0.962	g/cm³	ASTM D792
--	0.953 - 0.960	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.10 - 1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD	689 - 938	MPa	ASTM D882
TD	703 - 1280	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	23.2 - 31.4	MPa	ASTM D882
TD: Yield	24.4 - 30.3	MPa	ASTM D882
MD: Fracture	51.7 - 54.8	MPa	ASTM D882
TD: Fracture	17.9 - 24.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	590 - 870	%	ASTM D882
TD: Fracture	10 - 980	%	ASTM D882
Dart Drop Impact (23°C)	50 - 55	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	14 - 35	g	ASTM D1922
TD	360 - 1200	g	ASTM D1922
Extrusion	Nominal Value	Unit	
Melt Temperature	198 - 205	°C	
Extrusion instructions			

This data represents typical values that have been calculated from all products classified as: Generic HDPE, MMWThis information is provided for comparative purposes only.

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

