

Generic PE Copolymer

Polyethylene Copolymer

Generic

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.867 to 0.963	g/cm³	ASTM D792
23°C	0.939 to 0.974	g/cm³	ISO 1183
--	0.922 to 1.30	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR)			
190°C/2.16 kg	0.97 to 25	g/10 min	ASTM D1238
190°C/2.16 kg	0.070 to 6.1	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			
23°C	30 to 93		ASTM D2240
23°C	55 to 62		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield, 23°C	9.86 to 29.3	MPa	ASTM D638
Yield, 23°C	19.8 to 26.0	MPa	ISO 527-2
Break, 23°C	6.43 to 37.0	MPa	ISO 527-2
Tensile Strain			
Yield, 23°C	7.0 to 11	%	ISO 527-2
Break, 23°C	200 to 1000	%	ASTM D638
Break, 23°C	510 to 970	%	ISO 527-2
Flexural Modulus			
23°C	86.5 to 1300	MPa	ASTM D790
23°C	18.0 to 1160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.3 to 15	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	113 to 129	°C	ASTM D1525
--	123 to 125	°C	ISO 306
Melting Temperature (DSC)	85.4 to 108	°C	ISO 3146

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

