POLYCOMPO PE 5000SF

High Density Polyethylene

POLYCOMPO Co.,Ltd.

Message:

POLYCOMPO PE 5000SF is a High Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific. Applications of POLYCOMPO PE 5000SF include adhesives/tapes and film.

General Information			
Features	Good Strength		
Uses	Film Tape		
Forms	Pellets		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.956	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	0.66	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Compression Molded)	100	hr	ASTM D1693
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, Compression Molded)	65		ASTM D2240, ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 527-2
Yield, Compression Molded	27.0	MPa	
Break, Compression Molded	13.0	MPa	
Tensile Strain (Break, Compression Molded)	500	%	ISO 527-2
Flexural Modulus (Compression Molded)	1200	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	6.2	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	-60.0	°C	ASTM D746A, ISO 974
Vicat Softening Temperature	124	°C	ASTM D1525, ISO 306
Peak Crystallization Temperature (DSC)	132	°C	ASTM D3418, ISO 3146

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