

PRIME TPO E-2710

Polypropylene Random Copolymer
Prime Polymer Co., Ltd.

Message:
PRIME TPO E-2710 is a Polypropylene Random Copolymer (PP Random Copolymer) product. It is available in Asia Pacific, Europe, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	12.0	MPa	
Break	18.0	MPa	
Tensile Strain (Break)	< 500	%	ISO 527-2
Flexural Modulus	240	MPa	ISO 178
Flexural Stress	11.5	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	80	µm	
Tensile Modulus			JIS Z1702
MD : 80 µm	280	MPa	
TD : 80 µm	280	MPa	
Tensile Stress			JIS Z1702
MD : Break, 80 µm	33.0	MPa	
TD : Break, 80 µm	33.0	MPa	
Tensile Elongation			JIS Z1702
MD : Break, 80 µm	< 500	%	
TD : Break, 80 µm	< 500	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	No Break		ISO 180
Optical	Nominal Value	Unit	Test Method
Haze			JIS K7105
80.0 µm ¹	0.60	%	
80.0 µm ²	13	%	
NOTE			
1.	Internal		
2.	All		

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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

