

PRIME TPO F-3910

Polypropylene Random Copolymer
Prime Polymer Co., Ltd.

Message:
PRIME TPO F-3910 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)	4.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	16.5	MPa	
Break	21.0	MPa	
Tensile Strain (Break)	< 500	%	ISO 527-2
Flexural Modulus	410	MPa	ISO 178
Flexural Stress	16.5	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	80	μm	
Tensile Modulus			JIS Z1702
MD : 80 μm	430	MPa	
TD : 80 μm	430	MPa	
Tensile Stress			JIS Z1702
MD : Break, 80 μm	39.0	MPa	
TD : Break, 80 μm	39.0	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)	15	kJ/m ²	ISO 180
Optical	Nominal Value	Unit	Test Method
Haze			JIS K7105
80.0 μm ¹	0.50	%	
80.0 μm ²	6.0	%	
NOTE			
1.	Internal		
2.	All		

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