

PRIME TPO E-2900H

Polypropylene Homopolymer
Prime Polymer Co., Ltd.

Message:

PRIME TPO E-2900H is a Polypropylene Homopolymer (PP Homopolymer) 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)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	19.5	MPa	
Break	24.0	MPa	
Tensile Strain (Break)	< 500	%	ISO 527-2
Flexural Modulus	590	MPa	ISO 178
Flexural Stress	21.0	MPa	ISO 178
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	80	μm	
Tensile Modulus			JIS Z1702
MD : 80 μm	550	MPa	
TD : 80 μm	550	MPa	
Tensile Stress			JIS Z1702
MD : Break, 80 μm	43.0	MPa	
TD : Break, 80 μm	43.0	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)	10	kJ/m ²	ISO 180
Optical	Nominal Value	Unit	Test Method
Haze			JIS K7105
80.0 μm ¹	0.70	%	
80.0 μm ²	9.0	%	
NOTE			
1.	Internal		
2.	All		

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