

PRIMATOP MDPE 003937

Medium Density Polyethylene

Amco Polymers

Message:

Excellent performance on high stalk lines

Excellent overall balance

General Information			
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding Blown Film Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D882
MD : Yield, 25 µm	21.4	MPa	
TD : Yield, 25 µm	21.4	MPa	
MD : Break, 25 µm	42.1	MPa	
TD : Break, 25 µm	42.1	MPa	
Tensile Elongation ²			ASTM D882
MD : Break, 25 µm	500	%	
TD : Break, 25 µm	600	%	
Dart Drop Impact (25 µm)	130	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	50	g	
TD : 25 µm	500	g	
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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