

ETILINAS HD5301AA

High Density Polyethylene

POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS HD5301AA is a high molecular weight pelletised high density polyethylene which is suitable for a wide variety of film applications. Applications include: carrier bags, and thin counter bags.

General Information			
Features	High molecular weight		
Uses	Films		
	Bags		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.080	g/10 min	ISO 1133
190°C/21.6 kg	9.0	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-3
MD: Yield	32.0	MPa	ISO 527-3
TD: Yield	26.0	MPa	ISO 527-3
MD : 15 µm	77.0	MPa	ISO 527-3
TD : 15 µm	57.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Break, 15 µm	460	%	ISO 527-3
TD: Break, 15 µm	950	%	ISO 527-3
Elmendorf Tear Strength			ISO 6383-2
MD : 15 µm	0.065	N	ISO 6383-2
TD : 15 µm	1.1	N	ISO 6383-2
Additional Information			
Density, ISO 1872/1, Annealed: 950 kg/m ³			

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Recommended distributors for this material

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