

ETILINAS LL0207MA

Linear Low Density Polyethylene
POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS LL0207MA is a linear low density polyethylene suitable for a variety of film applications. Characteristics include: high strength, no slip agent, and medium level of antiblocking agent. Applications include: sack films, and other heavy duty films.

General Information			
Additive	Moderate caking resistance		
Features	High strength		
	Moderate caking resistance		
Uses	Films		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-3
MD: Yield	11.0	MPa	ISO 527-3
TD: Yield	12.0	MPa	ISO 527-3
MD : 38 µm	42.0	MPa	ISO 527-3
TD : 38 µm	33.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Fracture, 38 µm	630	%	ISO 527-3
TD: Fracture, 38 µm	830	%	ISO 527-3
Dart Drop Impact (38 µm)	180	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD : 38 µm	2.5	N	ISO 6383-2
TD : 38 µm	6.0	N	ISO 6383-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ISO 306
Melting Temperature (DSC)	122	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 38.0 µm)	52		ASTM D2457
Haze (38.0 µm)	11	%	ASTM D1003
Additional Information			
Density, ISO 1872/1, Annealed: 920 kg/m³Melting Point, ISO 3146, Method C: 122°C			

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