

ETILINAS LL0220AA

Linear Low Density Polyethylene
POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS LL0220AA is a linear low density polyethylene suitable for a variety of film applications. Characteristics include: low gels content, easy extrusion, and no slip/antiblocking additives. Applications include: liner bags, and blended films.

General Information			
Features	Low speed solidification crystal point		
Uses	Films		
	Lining		
	Bags		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-3
MD: Yield	10.5	MPa	ISO 527-3
TD: Yield	11.5	MPa	ISO 527-3
MD : 38 µm	33.0	MPa	ISO 527-3
TD : 38 µm	25.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Fracture, 38 µm	750	%	ISO 527-3
TD: Fracture, 38 µm	870	%	ISO 527-3
Dart Drop Impact (38 µm)	130	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD : 38 µm	1.8	N	ISO 6383-2
TD : 38 µm	4.8	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)	48		ASTM D2457
Haze (38.0 µm)	13	%	ASTM D1003
Additional Information			
Density, ISO 1872/1, Annealed: 920 kg/m³Melting Point, ISO 3146, Method C: 122°C			

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