ETILINAS LL0220SA

Linear Low Density Polyethylene

POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS LL0220SA is a linear low density polyethylene suitable for a variety of film applications.
Characteristics include: low gels content, easy extrusion, and slip/antiblocking additives.
Applications include: food bags, and thin counter bags.

General Information			
Additive	Anti-caking agent slip agent		
Features	Low speed solidification crystal point smoothness Anti-caking property		
Uses	Films 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
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Coefficient of Friction	0.12		ISO 8295
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	ASTM D1709
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)	14	%	ASTM D1003

Additional Information
Density, ISO 1872/1, Annealed: 921 kg/m³Melting Point, ISO 3146, Method C: 122°C

Recommended distributors for this material

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