

Product Datasheet

Linear Low-Density Polyethylene

Description:

LLM 0120YAS resins are ethylene 1-hexene copolymers. This material has performance polymer resins offer an outstanding balance between processing and film properties, including tensile, impact and puncture.

Additive:

- Slip
- Antiblocking
- Processing Aid

Applications:

- | | |
|--------------------------------|-------------------|
| - Agricultural Film | - Lamination Film |
| - Food Packaging | - Shrink Film |
| - Form Fill and Seal Packaging | - Stretch Film |
| - Heavy Duty Bags | - Lamination Film |

Processes:

Blow and Cast Film Extrusion

Control & Typical Properties			
Feature	Method	Units	Values
Melt Flow Rates (190 °C/2.16 kg)	D 1238	g/10 min	1.0
Density	D 792	s/cm ³	0.920
Elongation at Break (MD/TD)	D 882	%	500/730
Tensile Strength at Break (MD/TD)	D 882	Mpa	50/50
Elmendorf Tear Strength (MD/TD)	D 1922	gf	120/560
Dart Drop Impact	D 1709	g/F50	168
Haze	D 1003	%	7.5
Gloss - Angle 45 ⁰	D 2457	%	65

¹ Typical values which can vary within specification limits and are not to be construed as specifications.

² 2.16 kg/190 °C.