

Metallocene Linear Low Density Polyethylene
DaelimPoly ^M

EP2001 Series

Description

Characteristics	▪ Excellent Balance between Processability and Film property ▪ Good Toughness ▪ Good Bubble Stability
Applications	▪ Agriculture Film ▪ Lamination Film ▪ Stretch Wrap Film ▪ High Strength Film
Processing Recommendation	Processing Temperature 160~200°C / BUR 2.0~3.0
Specification data	Meets FDA Regulation 177. 1520

Physical Properties

Resin Properties	Unit	Test Method	EP2001	EP2001EN
Density	g/cm ³	ASTM D1505	0.920	0.919
Melt Index (190°C, 2.16 kg)	g/10min	ASTM D1238	1.0	1.0
Melting Temperature	°C	ASTM D3418	107, 117	107, 117
Additives			AO, PPA, AB, Slip	AO
Film Properties	Unit	Test Method	EP2001	EP2001EN
Thickness	mm	Daelim	0.030	0.030
Tensile Strength at Break, MD/TD	kg/cm ²	ASTM D882	580/490	580/490
Elongation at Break, MD/TD	%	ASTM D882	480/620	480/620
Dart Impact Strength (A)	gf	ASTM D1709	400	400
Haze	%	ASTM D1003	12	12

1. Film Processing Condition : Φ40mm Blown Film Extruder, 180°C, BUR 2.5, Φ100mm Die, Film thickness 0.030mm
2. Additives : AO (Antioxidant), AB (Anti Blocking Agent), Slip (Slip Agent), PPA (Polymer Processing Aid)
3. These are typical properties only and are not to be construed as specifications.

*NOTICE: Prior to use for any commercial purpose, the customer is fully responsible for determining its suitability for intended application and for ensuring its disposal practices are in compliance with applicable laws and other governmental enactments. DAELIM assumes no obligation or liability in this regard.

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