

Metallocene Linear Low Density Polyethylene
DaelimPoly ^M

EP2501

Description

Characteristics	▪ Excellent Balance between Processability and Film Property ▪ Good Toughness ▪ Good Shrinkage
Applications	▪ Shrink Film ▪ Heavy Duty Bag ▪ High Strength Film
Processing Recommendation	Processing Temperature 180~220°C / BUR 2.0~3.0 : 1
Specification data	Complies with FDA 21 CFR 177. 1520

Physical Properties

Resin Properties	Unit	Test Method	EP2501
Density	g/cm ³	ASTM D1505	0.925
Melt Index (190°C, 2.16 kg)	g/10min	ASTM D1238	0.8
Melting Temperature	°C	ASTM D3418	110, 119
Additives			AO, AB (1,000), PPA
Film Properties	Unit	Test Method	EP2501
Thickness	mm	Daelim	0.050
Tensile Strength at Break, MD/TD	kg/cm ²	ASTM D882	590/540
Elongation at Break, MD/TD	%	ASTM D882	470/600
Dart Impact Strength (A)	gf	ASTM D1709	350
Haze	%	ASTM D1003	12

1. Film Processing Condition : Φ40mm Blown Film Extruder, 200°C, BUR 2.5 : 1, Φ100mm Die, Film thickness 0.050mm

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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