

Metallocene Linear Low Density Polyethylene
DaelimPoly^M

XP5400

Description

Characteristics	▪ Excellent Toughness and Stiffness ▪ Excellent Processability ▪ Excellent Stretchability
Applications	▪ Stretch Wrap Film
Processing Recommendation	Processing Temperature 210 ~ 250°C
Specification data	Complies with FDA 21 CFR 177. 1520

Physical Properties – Stretch Wrap Film

Resin Properties	Unit	Test Method	XP5400
Density	g/cm ³	ASTM D1505	0.914
Melt Index (190°C, 2.16 kg)	g/10min	ASTM D1238	4.0
Vicat Softening Temperature	°C	ASTM D1525	97
Melting Temperature	°C	ASTM D3418	110
Additives	-		AO
Film Properties	Unit	Test Method	XP5400
Tensile Strength at Break, MD/TD	kg/cm ²	ASTM D882	420/310
Elongation at Break, MD/TD	%	ASTM D882	440/620
Dart Impact Strength (A)	gf	ASTM D1709	200
Haze	%	ASTM D1003	0.5
Gloss (45°)	-	ASTM D2457	100

1. Film Processing Condition : Φ50mm Cast Film Extruder, 250°C, Film thickness 0.022mm
2. Additives : AO (Antioxidant)
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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