

Metallocene Linear Low Density Polyethylene

XP9400 series

Description

Characteristics	▪ Excellent Toughness and Stiffness ▪ High clarity and gloss	▪ Excellent Throughput ▪ Excellent Stretchability
Applications	▪ Stretch Wrap Film ▪ Food Packaging Wrap	▪ Silage Film
Processing Recommendation	Processing Temperature 210~250°C	
Specification data	Complies with FDA 21 CFR 177. 1520	

Physical Properties – Stretch Wrap & Silage Wrap Film

Resin Properties	Unit	Test Method	XP9400	XP9400S
Density	g/cm ³	ASTM D1505	0.915	0.917
Melt Index (190°C, 2.16 kg)	g/10min	ASTM D1238	3.7	3.7
Vicat Softening Temperature	°C	ASTM D1525	103	105
Melting Temperature	°C	ASTM D3418	114	115
Additives			AO	AO
Film Properties	Unit	Test Method	XP9400	XP9400S
Tensile Strength at Break, MD/TD	kg/cm ²	ASTM D882	450/370	455/380
Elongation at Break, MD/TD	%	ASTM D882	470/650	460/630
Dart Impact Strength(A)	gf	ASTM D1709	550	450
Haze	%	ASTM D1003	0.3	0.6
Gloss(45°)	-	ASTM D2457	100	98

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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