

Metalocene Linear Low Density Polyethylene

DaelimPoly^M

XP3200 series

Description

Characteristics	▪ Excellent Toughness and Stiffness ▪ High Clarity and Gloss	▪ Very small amount of Extractables ▪ Excellent Heat Seal Properties at lower Temperature
Applications	▪ Lamination Film ▪ Agriculture Film	▪ High Strength Film ▪ Heavy Duty Bag
Processing Recommendation	Processing Temperature 150~200°C / BUR 2.0~3.0	
Specification data	Complies with FDA 21 CFR 177.1520	

Physical Properties – Film

Resin Properties	Unit	XP3200	XP3200N	XP3200UV	XP3200H
Density	g/cm ³	0.921	0.921	0.921	0.924
Melt Index (190°C, 2.16 kg)	g/10min	1.2	1.2	1.2	1.2
Vicat Softening Temperature	°C	107	107	107	109
Melting Temperature	°C	115	115	115	117
Additives	-	AO, PPA, AB, S	AO, PPA, AB	AO, PPA, AB, S, UV	AO, PPA, AB
Film Properties	Unit	XP3200	XP3200N	XP3200UV	XP3200H
Tensile Strength at Break, MD/TD	kg/cm ²	610/490	610/490	610/490	620/500
Elongation at Break, MD/TD	%	550/590	550/590	550/590	530/570
Tear Strength, MD/TD	kg/cm	127/130	127/130	127/130	130/135
Dart Impact Strength (A)	gf	150	150	150	130
Haze	%	18	18	18	20
Gloss(45°)	-	89	89	89	89

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), S (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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