

Metallocene linear low density polyethylene for Blown film (mLLDPE)

Daelim XP9200EN
Daelim Corporation, Korea

PROPERTIES

Description	Daelim XP-9200EN is a metallocene linear low density polyethylene with Anti-Oxidant & Polymer Processing Aid. Provide excellent mechanical, heat seal, and optical properties compared with conventional LLDPE. Especially, film grades are receiving well-established reputation from its customers based on out-standing seal initiation temp. and clarity. Characteristics: Excellent Toughness and Stiffness, High Clarity and Gloss, Excellent Heat Seal Properties at Lower Temperature, Very Small amount of Extractable.		
Applications	The main applications are film and PE-RT: Lamination Film; Green House Film; Agriculture Film; Stretch Hood Film; High Strength Film.		
Processing recommendation	Processing Temperature 150~190°C / BUR 2.0~3.0 Film Processing Condition: Φ40mm Blown Film Extruder, 180°C, BUR 2.5, Φ100mm Die, Film thickness 0.030mm		
Melt Index (190°C, 2.16 kg)	g/10min	1.0	D1238
Density	g/cm ³	0.917	D1505
Dart Impact Strength (B)	g	700	ASTM D1709
Melting Point	°C	116	ASTM D3418
Xylene Soluble	wt %	0.7	Daelim method
Seal Initiation Temperature (HGT, 2.8 kg, 0.5 sec)	°C	95	Daelim method
Vicat Softening Point	°C	106	ASTM D1525
Tensile Strength at Break MD/TD	kg/cm ²	580/460	ASTM D882
Elongation at Break MD/TD	%	580/620	ASTM D882
Tear Strength MD/TD	kg/cm	124/127	ASTM D1004
Haze	%	12	ASTM D1003
Gloss (45°)		87	ASTM D2457

These are typical properties: not to be construed as specification.