

## Metallocene linear low density polyethylene for Blown film (mLLDPE)

**Daelim XP9200EN**  
**Daelim Corporation, Korea**

### PROPERTIES

<b>Description</b>	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.		
<b>Applications</b>	The main applications are film and PE-RT: Lamination Film; Green House Film; Agriculture Film; Stretch Hood Film; High Strength Film.		
<b>Processing recommendation</b>	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		
<b>Melt Index (190°C, 2.16 kg)</b>	g/10min	<b>1.0</b>	D1238
<b>Density</b>	g/cm <sup>3</sup>	<b>0.917</b>	D1505
<b>Dart Impact Strength (B)</b>	g	<b>700</b>	ASTM D1709
<b>Melting Point</b>	°C	<b>116</b>	ASTM D3418
<b>Xylene Soluble</b>	wt %	<b>0.7</b>	Daelim method
<b>Seal Initiation Temperature (HGT, 2.8 kg, 0.5 sec)</b>	°C	<b>95</b>	Daelim method
<b>Vicat Softening Point</b>	°C	<b>106</b>	ASTM D1525
<b>Tensile Strength at Break MD/TD</b>	kg/cm <sup>2</sup>	<b>580/460</b>	ASTM D882
<b>Elongation at Break MD/TD</b>	%	<b>580/620</b>	ASTM D882
<b>Tear Strength MD/TD</b>	kg/cm	<b>124/127</b>	ASTM D1004
<b>Haze</b>	%	<b>12</b>	ASTM D1003
<b>Gloss (45°)</b>		<b>87</b>	ASTM D2457

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