

**Typical Application**

Cast Stretch Film, FF&amp;S Packaging, Food Packaging, General Packaging

**Product Description**

Ramolene LLDC 18280 is a linear low density polyethylene resin that exhibits excellent high temperature stability. May contain traces of Tris-(nonylphenol)-phosphite (TNPP). Ramolene LLDC 18280 is not intended for and should not be used in medical applications.

Typical Properties	English Unit	SI Unit	ASTM
<b>Physical</b>			
Melt Flow Rate (190 °C / 2.16 kg)	2.80 g/10 min	2.80 g/10 min	D1238
Density (23 °C)	0.918 g/cm <sup>3</sup>	0.918 g/cm <sup>3</sup>	D1505
Peak Melting Temperature by DSC (T <sub>m</sub> )	248 °F	120.0 °C	Producer Method
<b>Mechanical Stress &amp; Impact</b>			
Dart Drop Impact Strength, F50	40 g/μm	40 g/μm	D1709
<b>Film TT&amp;E</b>			
Tensile Strength @ Break - MD	7,400 psi	51 MPa	D882
Tensile Strength @ Break - TD	3,300 psi	23 MPa	D882
Tensile Elongation @ Break - MD	530 %	530 %	D882
Tensile Elongation @ Break - TD	840 %	840 %	D882
1% Secant Modulus - MD	20,000 psi	138 MPa	D882
1% Secant Modulus - TD	21,000 psi	145 MPa	D882
Elmendorf Tear Strength - MD	40 g-force	40 g-force	D1922
Elmendorf Tear Strength - TD	340 g-force	340 g-force	D1922
<b>Optical</b>			
Haze	1.7 %	1.7 %	D1003
Gloss (45 °)	95 %	95 %	D2457
<b>Additives</b>			
Slip	0 ppm	0 ppm	Producer Method
AntiBlock	0 ppm	0 ppm	Producer Method

All tests were run under laboratory conditions, ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Ramotech's products must be guided by the user's own methods for selection of proper formulation. RAMTECH OVERSEAS, INC. disclaims any responsibility for misuse or misapplication of its products. Ramotech makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose.