

**Typical Application**

Caps &amp; Closures

**Product Description**

Ramolene LDIM 21240 is a low density polyethylene resin used for injection molding applications.. It exhibits balanced toughness, softness, dimensional stability, and processability.

Typical Properties	English Unit	SI Unit	ASTM
<b>Physical</b>			
Melt Flow Rate (190 °C / 2.16 kg)	24.0 g/10 min	24.0 g/10 min	D1238
Density (23 °C)	0.921 g/cm <sup>3</sup>	0.921 g/cm <sup>3</sup>	D1505
<b>Mechanical Stress &amp; Impact</b>			
Flexural Modulus 1% Secant	32,000 psi	221 MPa	D790
Flexural Modulus 2% Secant	26000 psi	180 MPa	D790
Tensile Stress/Strength at Break (23 °C)	1230 psi	9 MPa	D638
Tensile Stress/Strength at Yield (23 °C)	1770 psi	12 MPa	D638
Tensile Elongation at Yield (23 °C)	14 %	14 %	D638
<b>Hardness</b>			
Durometer Shore Hardness (Shore D)	44	44	D2240
<b>Thermal</b>			
Vicat Softening Temperature	198 °F	92.2 °C	D1525
Low Temperature Brittleness, F <sub>50</sub>	-31 °F	-35.0 °C	D746
<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 Ramtech'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. Ramtech makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose.