



Typical Application

Agricultural Film, Construction Film, High Performance Film Applications, Profile Extrusion

Product Description

Ramolene LDBF 22033 is a low density polyethylene resin exhibiting medium optical properties. It doesn't not contain any slip or antiblock additives, used in high performance film applications. It offers excellent extrusion processing and melt strength characteristics suitable for thick film gauges.

Typical Properties	English Unit	SI Unit	ASTM
Physical			
Melt Flow Rate (190 °C / 2.16 kg)	0.33 g/10 min	0.33 g/10 min	D1238
Density (23 °C)	0.922 g/cm ³	0.922 g/cm ³	D1505
Mechanical Stress & Impact			
Dart Drop Impact Strength, F50	490 g/μm	490 g/μm	D1709
Film TT&E			
Tensile Strength @ Break - MD	2,900 psi	20 MPa	D882
Tensile Strength @ Break - TD	2,500 psi	17 MPa	D882
Tensile Strength @ Yield - MD	1,800 psi	13 MPa	D882
Tensile Strength @ Yield - TD	1,700 psi	12 MPa	D882
Tensile Elongation @ Break - MD	280 %	280 %	D882
Tensile Elongation @ Break - TD	540 %	540 %	D882
1% Secant Modulus - MD	33,000 psi	228 MPa	D882
1% Secant Modulus - TD	41,000 psi	283 MPa	D882
Elmendorf Tear Strength - MD	260 g-force	260 g-force	D1922
Elmendorf Tear Strength - TD	460 g-force	460 g-force	D1922
Optical			
Haze	15 %	15 %	D1003
Gloss (45 °)	45 %	45 %	D2457
Additives			
Slip	ppm	0 ppm	Producer Method
AntiBlock	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.