



Typical Application

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

Product Description

Ramolene LDBF 24033 B is a low density polyethylene resin exhibiting medium optical properties. It contains 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)	0.924 g/cm ³	0.924 g/cm ³	D1505
Mechanical Stress & Impact			
Dart Drop Impact Strength, F50	186 g/μm	186 g/μm	D1709
Film TT&E			
Tensile Strength @ Break - MD	4,289 psi	30 MPa	D882
Tensile Strength @ Break - TD	3,303 psi	23 MPa	D882
Tensile Strength @ Yield - MD	2,067 psi	14 MPa	D882
Tensile Strength @ Yield - TD	1,809 psi	13 MPa	D882
Tensile Elongation @ Break - MD	302 %	302 %	D882
Tensile Elongation @ Break - TD	582 %	582 %	D882
1% Secant Modulus - MD	27,300 psi	189 MPa	D882
1% Secant Modulus - TD	42,500 psi	293 MPa	D882
Elmendorf Tear Strength - MD	159 g-force	159 g-force	D1922
Elmendorf Tear Strength - TD	115 g-force	115 g-force	D1922
Optical			
Haze	19 %	19 %	D1003
Gloss (45 °)	%	0 %	D2457
Additives			
Slip	0 ppm	0 ppm	Producer Method
AntiBlock	n/a ppm	n/a 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.