

Typical Application

Heavy Duty Bags, Heavy Duty Shipping Sacks, Industrial Shrink Film, Heavy Duty C&A Sheeting/Films

Product Description

Ramolene LDBF 19025 is a fractional melt low density homopolymer resin used in heavy duty film applications with excellent toughness. Films made with Ramolene LDBF 19025 exhibit excellent toughness, excellent heat shrink, good clarity and processibility. It can also be used as a bubble stabilizer in LLDPE films.

Typical Properties	English Unit	SI Unit	ASTM
Physical			
Melt Flow Rate (190 °C / 2.16 kg)	0.25 g/10 min	0.25 g/10 min	D1238
Density (23 °C)	0.919 g/cm ³	0.919 g/cm ³	D1505
Mechanical Stress & Impact			
Dart Drop Impact Strength, F50	250 g/μm	250 g/μm	D1709
Film TT&E			
Tensile Strength @ Break - MD	3,500 psi	24 MPa	D882
Tensile Strength @ Break - TD	2,700 psi	19 MPa	D882
Tensile Elongation @ Break - MD	250 %	250 %	D882
Tensile Elongation @ Break - TD	750 %	750 %	D882
1% Secant Modulus - MD	22,000 psi	152 MPa	D882
1% Secant Modulus - TD	28,000 psi	193 MPa	D882
Hardness			
Durometer Shore Hardness (Shore D)	n/a	n/a	D2240
Thermal			
Vicat Softening Temperature	n/a °F	n/a °C	D1525
Low Temperature Brittleness, F ₅₀	n/a °F	n/a °C	D746
Additives			
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.