



# RAMOLENE™ RESIN

**mLLF 1.0** (Film - Metallocene)

Linear Low Density Polyethylene

**TYPICAL APPLICATIONS:**

Film for frozen food, high speed form-fill seal packaging, overwrap film, thin gauge industrial and consumer films, bag in box film, trash bags and liners.

**PRODUCT DESCRIPTION:**

RAMOLENE™ mLLF 1.0 is an ethylene based polymer produced with Metallocene single site catalyst. Films made of mLLF 1.0 have outstanding tensile, impact, puncture, resistance and low temperature properties. It is a ready to use versatile polymer for demanding mono layer and multi layer blown film applications.

# TECHNICAL DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index	1.0 g/10 min	D-4703
Density	0.918 g/cm <sup>3</sup>	D-1238
Dart Drop Impact	580 g	D-1003
Tensile Strength at Yield	MD 1310 PSI TD 1230 PSI	D-882 D-882
Tensile Strength at Break	MD 6690 PSI TD 4660 PSI	D-882 D-882
Peak Melting Temperature	246°F	D-3418
Haze	16%	D-1003
Elmendorf Tear Strength	MD 270 g TD 440 g	D-1922 D-1922
Elongation at Break	MD 470% TD 550%	D-882 D-882

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.