



# RAMOLENE™ RESIN

## LL6F 0.8 (Film - Heavy)

Linear Low Density Polyethylene

### TYPICAL APPLICATIONS:

Heavy duty and merchandise bags, freezer film and grocery sacks.

### PRODUCT DESCRIPTION:

RAMOLENE™ LL6F 0.8 is a hexene LLDPE film resin with excellent tensile, stiffness and toughness properties. This resin also displays superior drawdown and is versatile in packaging applications.

# TECHNICAL DATA SHEET

| PROPERTY                   | VALUE                        | ASTM   |
|----------------------------|------------------------------|--------|
| Melt Index 190°C/ 2.16 kg  | 0.80 g/10 min                | D-1238 |
| Density                    | 0.926 g/cm <sup>3</sup>      |        |
| Dart Drop Impact           | 110 g                        | D-1709 |
| Tensile Strength at Yield  | MD 1700 PSI<br>TD 2000 PSI   | D-882  |
| Tensile Strength at Break  | MD 8900 PSI<br>TD 7000 PSI   | D-882  |
| Secant Modulus - 1% Secant | MD 34000 PSI<br>TD 41000 PSI | D-882  |
| Gloss (45°)                | 57                           | D-2457 |
| Haze                       | 11%                          | D-1003 |
| Elmendorf Tear Strength    | MD 140 g<br>TD 780 g         | D-1922 |
| Elongation at Break        | MD 510%<br>TD 810%           | 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.