

LDPE LL4M 850-G

Linear Low Density Polyethylene



Overview

LDPE LL4M 850-G is a linear low density polyethylene resin designed to offer easy blending and good processability. In granular form it is very efficient to blend with additives and pigments.

| Property | Value | Unit | ASTM |
|--------------------------------------|-------|-------------------|--------|
| Melt index (condition 230°C/2.16 kg) | 52 | g/10 min | D 1238 |
| Density (g/cm ³) | 0.926 | g/cm ³ | D 792 |
| Melting point | 252 | °C | D3418 |
| Tensile Strength at Break | 110 | psi | D638 |
| Tensile Strength at Yield | 2200 | psi | D638 |
| Elongation at Break | 40 | % | D638 |
| Flexural Modulus - 1% Secant | 65000 | psi | D790 |
| Notched Izod Impact | 8.3 | ft-lb / in | D256 |
| Hardness, Shore D | 51 | | D2240 |
| Brittleness Temperature | <-105 | °F | D746 |

Additives: No Slip, No Antiblock