

LLDPE LL6F 801

Linear Low Density Polyethylene - Hexene



Overview

MARPOL® LL6F 801 is an ethylene 1-hexene copolymer LLDPE resin designed for blown film extrusion. This resin has excellent tensile, stiffness and toughness properties. This resin also displays superior drawability and is versatile in packaging applications.

Applications

- Premium trash bags
- Ice bags
- Stretch wrap film

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1.00	g/10 min	D 1238
Density (g/cm ³)	0.920	g/cm ³	D 792
Dart Drop Impact	230	g	D1709A
Tear Strength (MD/TD)	410 / 650	g/mil	D1922
Tensile Strength (MD/TD)	6400 / 5500	psi	D882
Yield Strength (MD/TD)	1450 / 1600	psi	D882
Elongation (MD/TD)	540 / 820	%	D882
1% Secant Modulus (MD/TD)	24600 / 29000	psi	D882
Haze	12	%	D1003
Gloss @ 45°	50		D2457

Additives: No Slip, No Antiblock