LLDPE LL6F 803

Linear Low Density Polyethylene

MarPol

Overview

LL6F 803 is an ethylene 1-hexene copolymer LLDPE cast film resin with excellent tensile, stiffness and toughness properties. This resin also displays superior drawability and is versatile in packaging applications.

Applications

- Packaging films
- cast film
- cast stretch film

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	3.20	g/10 min	D 1238
Density (g/cm³)	0.920	g/cm³	D 792
Secant Modulus – 1 % Secant (MD/TD)	117 / 124	MPa	D882
Tensile Strength at Yield (MD / TD)	6.89 / 6.76	MPa	D882
Tensile Strength at Break (MD / TD)	58.6 / 36.5	MPa	D882
Tensile Elongation at Break (MD / TD)	560 / 830	MPa	D882
Dart Drop Impact	90	g	D1709A
Elmendorf Tear Strength (MD / TD)	250 / 570	g	D1922
Gloss (45°)	91		D2457
Haze	1.70	%	D1003

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.