LLDPE mLLF 801-SB

Linear Low Density Polyethylene - Metallocene

MarPol

Overview

LLDPE mLLF 801-SB is an ethylene-hexene copolymer produced with metallocene single site catalyst. Films made of mLLF 801-SB have outstanding tensile, impact, puncture, resistance and low temperature properties. mLLF 801-SB contains slip and antiblock, which makes them suitable for formulations which require good openability and a low friction coefficient. It is a ready to use versatile polymer for demanding mono layer and multilayer blown film applications.

Applications

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

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	1.00	g/10 min	D 1238
Density (g/cm^3)	0.918	g/cm^3	D 792
Peak Melting Temperature	246	°F	D3418
Tensile Strength at Yield (MD/TD)	1310 / 1230	psi	D882
Tensile Strength at Break (MD / TD)	6690 / 4660	psi	D882
Elongation at Break (MD / TD)	470 / 550	%	D882
Dart Drop Impact	580	g	D1003
Elmendorf Tear Strength (MD / TD)	270 / 440	g	D1922
Haze	16	%	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.