BDL 92020 C

LINEAR LOW DENSITY POLYETHYLENE

LDPE EXTRUSION

Flow Index 2.0 g/10min **Density** 0.9214 g/cm^3

Features:

BDL 92010-S is a certified prime resin containing Butene, specially designed for production of Blown films for general purpose packaging.
BDL 92010-S features easy processability with very good film strength.
Said compound has excellent processability for blow molding and extrusion with low and high density Polyethylene.

Applications:

* Coextrusion
* Bags
* Tubular film
* Film for automatic packing

Additives:

* Slip, antiblock and high processing aid additives.

PARAMETER	UNIT	TEST METHOD	TYPICAL VALUE **
Flow Index	g/10 min.	ASTM D - 1238	2.0
Density	g/cm^3	ASTM D - 792	0.9214
FILM PROPERTIES			
Tensile Strength @ Yield	MPa	ASTM D - 638	10
Tensile Strength @ Break	MPa	ASTM D - 638	16
Tensile Modulus 1% Secant	MPa	ASTM D - 638	230
Tensile Elongation @ Brk	%	ASTM D - 638	750
Film properties (25 µm)			
Tensile Modulus 1% Secant	MPa	ASTM D - 882	195/220 (1)
Tensile Strength @ Break	MPa	ASTM D - 882	31/23 (1)
Tensile Strength @ Yield	MPa	ASTM D - 882	10/10 (1)
Tensile Elongation @ Brk	%	ASTM D - 882	450/600 (1)
Dart Drop Impact (cal 50 µm)	g	ASTM D - 1709	85
Tearing resistance	kN/m	ASTM D - 1922	31/123 (1)
Haze	%	ASTM D -1003	14
Film Appearance	Unidades	UCC PEG - 511	+30

Presentation

* 25kg. Sacks
* Pellets

** Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, and with the European standards 85/572/EEC, 90/128/EEC y 97/48/EEC covering safe use of polyolefin articles intended for direct food contact.

*** The reported values are typical and do not constitute a warranty but a guide for the diverse application possibilities.