

# BDL 92010 S

## LINEAR LOW DENSITY POLYETHYLENE

### LDPE EXTRUSION

Flow Index 1.0 g/10min      Density 0.918 g/cm<sup>3</sup>

#### 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                      \* Tubular film
- \* Bags                                \* Sacks

#### Additives:

- \* Contains no slip and no antiblock.

PARAMETER	UNIT	TEST METHOD	TYPICAL VALUE **
Flow Index	g/10 min.	ASTM D - 1238	1.0
Density	g/cm <sup>3</sup>	ASTM D - 792	0.918
FILM PROPERTIES			
Tensile Strength @ Yield	MPa	ASTM D - 638	10
Tensile Strength @ Break	MPa	ASTM D - 638	24
Tensile Modulus 1% Secant	MPa	ASTM D - 638	230
Tensile Elongation @ Brk	%	ASTM D - 638	800
Film properties (25 µm)			
Tensile Modulus 1% Secant	MPa	ASTM D - 882	190/220 (1)
Tensile Strength @ Break	MPa	ASTM D - 882	34/26 (1)
Tensile Strength @ Yield	MPa	ASTM D - 882	10/10 (1)
Tensile Elongation @ Brk	%	ASTM D - 882	550/700 (1)
Dart Drop Impact (cal 50 µm)	g	ASTM D - 1709	100
Tearing resistance	kN/m	ASTM D - 1922	35/135 (1)
Haze	%	ASTM D -1003	10
Film Appearance	Unidades	UCC PEG - 511	+20

#### 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.