

# CYNPOL

## CYNPOL LL0118

Linear Low Density Polyethylene Resin

### Product Description

CYNPOL LL0118 is a butene linear low density polyethylene for film extrusion. This product is designed for excellent draw down and puncture strength. This product is bare of additives and contains antioxidant for blown and cast film applications.

### Applications

General packaging film, stretch-wrap film, cast film.

### Requirement meets

CYNPOL LL0118 meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520 which is covering safe use of polyolefin articles intended for food contact.

Property	Test Method	Unit	Typical Value	Reference
Melt Index	ASTM D-1238	g/10min	1.0	2.16kg at 190 °C
Density	ASTM D-792	g/cc	0.918	
Tensile Strength, Break	ASTM D-882	MPa	MD 53 TD 32	
Elongation	ASTM D-882	%	MD 400 TD 760	
Secant Modulus1%	ASTM D-882	MPa	MD 190 TD 210	
Elmendorf Tear	ASTM D-1922	g	MD 70 TD 380	
Dart Drop Impact Strength, F50	ASTM D-1709	g	90	

<sup>1</sup>The technical information on properties is based on film 1.25mm thickness and all data information herein refers to typical values. Since conditions of product use is outside our control, we make no warranties and assume no liability in connection with any use of this information.



For technical support & more information

Vinmar International Ltd

16825 Northchase Drive, Suite 1400, Houston, Texas 77060 USA T +1.281.618.1300 F +1.281.618.1398 [www.vinmar.com](http://www.vinmar.com)

We makes no other representation or warranties, express or implied, including, without limitation, warranties of merchantability and fitness for a particular purpose, and expressly disclaims all other representations and warranties and any and all other obligations or liabilities on the part of us. No person is authorized to give any other warranties or to assume any other liability on behalf of us unless made or assumed in writing by us.

Revised September 2017