

CYNPOL LD0223F

Low Density Polyethylene Resin

Product Description

CYNPOL LD0223F is a low density polyethylene for the film extrusion. This product is designed to have excellent clarity for the industrial and consumer packaging blown film application. It contains 750ppm slip additive and 1,000ppm anti-block additives.

Applications

Shrink film, bags and sacks, food packaging film, lamination films.

Requirement meets

CYNPOL LD0223F 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.

Physical Properties

Property ¹	Test Method	Unit	Typical Value	Reference
Melt Index	ASTM D-1238	g/10min	2.0	2.16kg at 190 °C
Density	ASTM D-792	g/cm ³	0.923	
Tensile Strength	ASTM D-882	MPa	MD 11	
Elongation	ASTM D-882	%	MD 200 TD 500	
Haze	ASTM D-1003	%	6.5	
Dart Drop Impact Strength, F50	ASTM D-1709	g	80	
Elmendorf Tear, MD	ASTM D-1922	g	145	

¹The technical information on film properties is based on blown film 50µm 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

We make 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