

Moplen 2152HOXP

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen 2152HOXP is Basell's latest innovative core development grade, specifically designed for very high speed production of BOPP films. It can be used in plain and coex film structures, providing an easy film stretchability, an improved thickness profile and very good compatability with the skin layer resin. Moplen 2152HOXP shows an excellent processability / film properties balance and good film optics. Moplen 2152HOXP does not contain any slip or antistatic agents and it is Calcium Stearate free. The product is suitable for metallization purposes. Typical applications are packaging of foodstuffs, cosmetics and videocassettes. For regulatory information please refer to Moplen 2152HOXP Product Stewardship Bulletin (PSB).

General Information			
Features	Highlight		
	Optical		
	Homopolymer		
	Workability, good		
	Good stretchability		
	Definition, high		
Uses	Bi-axially Oriented Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	71		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1480	MPa	ISO 527-2/1
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	10	%	ISO 527-2/50
Fracture	290	%	ISO 527-2/50
Films	Nominal Value	Unit	Test Method
Tensile Modulus - Tangent (20 µm)	2650	MPa	MA 18068
Tensile Stress ¹ (Break, 20 µm)	127	MPa	MA 18068
Tensile Elongation ² (Break, 20 µm)	29	%	MA 18068
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	93.0	°C	ISO 75-2/B
Vicat Softening Temperature	152	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Haze (20.0 µm)	0.40	%	ASTM D1003

Additional Information

Typical Film Properties of monolayer film produced on T.M. Long equipment, a laboratory simultaneous film stretcher (7x7@150°C)

NOTE

- | | |
|----|-----------|
| 1. | 50 mm/min |
| 2. | 50 mm/min |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

