

Marlex® PP HLS-080SP

Polypropylene Homopolymer

Saudi Polymers Company

Message:

Typical quenched blown or cast film extrusion applications include:

Soft goods

Stationery

Bakery goods

Candy

General Information	
Additive	Anti-caking agent (2000 ppm) Sliding agent (1000 ppm)
Features	smoothness Homopolymer Anti-caking property Compliance of Food Exposure
Uses	Films Soft touch application Food packaging Stationery
Agency Ratings	FDA not rated Europe No 10/2011
Forms	Particle
Processing Method	Blow film cast film

Physical	Nominal Value	Unit	Test Method
Density	0.904	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (shaw d, 3.20mm, injection molding)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm, Injection Molded)	37.0	MPa	ASTM D638
Flexural Modulus - Secant ² (3.20 mm, Injection Molded)	1690	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm, Injection Molded)	100	°C	ASTM D648
Additional Information			
Mechanical properties were determined using injection-moulded specimens 3.2 mm thick, moulded per ASTM D4101, unless otherwise noted.			
NOTE			
1.	51 mm/min		
2.	1.3 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

