

Moplen S38FT

Polypropylene Homopolymer
Shazand (Arak) Petrochemical Corporation

Message:

Moplen S38FT is a homo-polymer designed for the production of biaxial oriented polypropylene films. Moplen S38FT has excellent process ability on tubular lines. Films produced by Moplen S38FT feature good mechanical properties and excellent barrier against moisture, odours oils, fats and oxidation and feature high transparency, high gloss and good printability after corona treatment. Monolayer films made of Moplen S38FT are used for general packaging such as food and textiles packaging, flower wrappings and also their major use are in adhesive tapes. BOPP film made with Moplen S38FT is also suitable for lamination to other flexible films.

* Moplen S38FT is suitable for food contact

General Information			
Features	Barrier Resin		
	Excellent Printability		
	Flavor & Aroma Barrier		
	Food Contact Acceptable		
	Good Processability		
	High Clarity		
	High Gloss		
	Homopolymer		
	Moisture Barrier		
	Oil Resistant		
	Oxidation Resistant		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	Laminates		
	Packaging		
	Tape		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	60	J/m	ASTM D256
Aging	Nominal Value	Unit	Test Method

Oven Aging (150°C)	15.0	day	ASTM D3012
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	94.0	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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



WECHAT