

Moplen T36F

Polypropylene Homopolymer
Shazand (Arak) Petrochemical Corporation

Message:

Moplen T36F is a homo-polymer designed for the production of biaxial oriented polypropylene and tenter films. Moplen T36F has excellent process ability on cast lines. Films produced by Moplen T36F feature good mechanical properties and high transparency, high gloss. Monolayer films made of Moplen T36F are used for general packaging such as food and textiles packaging, flower wrappings.

* Moplen T36F is suitable for food contact and medical applications.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	High Clarity		
	High Gloss		
	Homopolymer		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	Medical/Healthcare Applications		
	Packaging		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	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	1350	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	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)	95.0	°C	ASTM D648
Vicat Softening Temperature	153	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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