Moplen T30SW

Polypropylene Homopolymer

Shazand (Arak) Petrochemical Corporation

Message:

Moplen T30SW is a polypropylene homo-polymer for the production of film yarn and monofilament. Moplen T30SW features outstanding process ability and low water carry-over properties. Moplen T30SW is particularly suitable for the high speed extrusion of film yarn for industrial fabrics, heavy duty bags, ropes, carpet backing and twines. The product is also suitable for production of water-quenched blown film and monofilament.
* Moplen T30SW is suitable for food contact.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Homopolymer		
	Low Water Carryover		
Uses	Carpet Backing		
	Fabrics		
	Fibers		
	Heavy-duty Bags		
	Monofilaments		
	Rope		
	Twine		
	Yarn		
Processing Method	Blown Film		
	Filament Extrusion		

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	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	1500	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	45	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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Recommended distributors for this material

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