

Moplen V 30 S

Polypropylene Homopolymer
Shazand (Arak) Petrochemical Corporation

Message:

Moplen V 30 S is a homo-polymer, suitable for extrusion applications. Moplen V 30 S is designed for production of fine denier staple fibres. Typical applications are thermal-bonded non-woven fabrics, upholstery and hygiene, in SSL and some LSL. Diapers, incontinence pads, feminine care, wipe filters.

* Moplen V 30 S is suitable for food contact.

General Information			
Features	Food Contact Acceptable		
	Homopolymer		
Uses	Fibers		
	Nonwovens		
	Sanitary Products		
	Staple Fibers		
	Textile Applications		
Processing Method	Extrusion		
	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1550	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)	5.0	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	154	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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