Polypropylene homo-polymer

V 30 S

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	18
Flexural Modulus	D790	MPa	1550
Notched Izod Impact@23°C	D256	J/m	30
Tensile Strength@Yield	D638	MPa	33
Elongation@Yield	D638	%	12
Vicat Softening Point,10N	D1525	°C	154
HDT(0.46N/mm²)	D648	°C	95
Rockwell Hardness	D785	R Scale	102
Oven Aging@150°C	D3012	Hours	120

➢ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

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.

R.P.C
Arak Petrochemical Company

ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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KAHROBA
گروه بازرگانی کهربا

MPC
شرکت پتروشیمی مارون

PP V 30 S			
Parameter	**Unit**	**Value**	**Test method**
Melt Flow Rate (MFR) at 230°C , 2.16 kg	g/10 min	0.07	ISO 1133
Density	g/cm³	0.9	ISO 1183
Flexural Modulus	N/mm²	1550	ISO 178
Tensile	N/mm²	30	ISO R527
Elongation	%	12	ISO R527
Vicat	°C	154	ISO 306/A
H.D.T	°C	95	ISO 75/B

Product Description: V 30 S is a high fluidity PP for the protection of staple fibers with improved thermo bonding ability for no woven fabrics.
Application: The typical application of this grade are cover stock for diapers, feminine care product and wipes, filters and fabrics for the clothing and furniture industry.
Typical data: Typical Values: not to be construed as specifications.
Producer: Marun Petrochemical Co.
Packing: 25 Kg plastic bag.

JAM Polypropylene

Jampilen HP502P

Homopolymer

Description:

″Jampilen HP502P″ is a homopolymer with good flow properties and medium molecular weight distribution intended for fiber extrusion applications.
″Jampilen HP502P″ has a high fluidity and best suits for the production of staple fibers, bulk continuous filaments (BCF) and continuous filaments (CF). It contains a general purpose formulation of additives with no antigasfading additivation.

Processing Method:

Fiber Extrusion

Features:

Good Flow Properties
Consistent processability
Medium Molecular Weight Distribution
Homopolymer

Typical Applications:

BCF and CF Yarns
Staple fibers

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	17	g/10min	ASTM D1238
Density	0.9	g/cm^3	ASTM D1505
Mechanical			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	30	J/m	ASTM D256
Rockwell Hardness	103	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	154	°C	ASTM D1525
H.D.T. (0.46 Mpa)	95	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012

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