

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLYPROPYLENE - COPOLYMER (P.P)

# HP 502R

## PP HOMOPOLYMER / JAM Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	25	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1500	MPa	-----	ASTM D790
Hardness, Rockwell R	100	-----	-----	ASTM D785
Izod Impact Strength, Notched	30	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	13	%	-----	ASTM D638
Tensile Strength at Yield	32	MPa	-----	ASTM D638
Heat Deflection Temperature	94	°C	At 0.46 MPa	ASTM D648
Oven Aging	360	h	At 150°C, Air	ASTM D3012
Vicat Softening Point	152	°C	10 N	ASTM D1525

- Manufacturer: Jam Pet.co.
- Application: Heavy-duty clothing, bags and backpacks, sportswear, seat belts, fibers, upholstery and upholstery, staple fibers, BCF fibers, CF fibers.
- Process: Textile.
- Features: Good resilience, good processability, good flowability, good tensile strength, food contact grade, high stretch ratio.

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