

SABIC® PP 501P

Polypropylene Homopolymer

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PP 501P is a multi purpose grade for extrusion applications.

Application:

SABIC® PP 501P is suitable for extrusion of tapes and strapping.

General Information	
Features	Medium Isotactic Homopolymer Wide molecular weight distribution
Uses	Strap Belt material
Forms	Particle
Processing Method	Extrusion Filament extrusion Fiber (spinning) extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1550	MPa	ISO 527-2/1A
Tensile Stress (Yield)	37.0	MPa	ISO 527-2/1A
Tensile Strain (Yield)	10	%	ISO 527-2/1A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	152	°C	ISO 306/A
--	88.0	°C	ISO 306/B

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