

# Jampilen HP502P

Polypropylene Homopolymer

Jam Polypropylene Company

## Message:

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.

General Information			
Additive	Unspecified Additive		
Features	General Purpose		
	Good Processability		
	High Flow		
	Homopolymer		
	Medium Molecular Weight		
Uses	BCF Yarn		
	Fibers		
	Filaments		
	Staple Fibers		
	Yarn		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		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
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 <sup>1</sup>
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
NOTE			

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#### Recommended distributors for this material

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