

Braskem PP HP 550P

Polypropylene Homopolymer

Braskem

Message:

HP 550P is a medium melt flow homopolymer. Normal molecular weight distribution.

Applications:

Extrusion of Fibers for rugs, carpets, sewing thread and cordage.

Processing:

Fiber Extrusion

General Information	
Features	Homopolymer
	Medium Flow
	Narrow Molecular Weight Distribution
Uses	Carpet Backing
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Fiber (Spinning) Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield, Injection Molded	34.0	MPa	ASTM D638
Yield, Injection Molded	33.0	MPa	ISO 527-2
Tensile Elongation			
Yield, Injection Molded	10	%	ASTM D638
Yield, Injection Molded	11	%	ISO 527-2
Flexural Modulus			
1% Secant : Injection Molded	1400	MPa	ASTM D790
Injection Molded	1300	MPa	ISO 178

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