

Braskem PP HP 525M

Polypropylene Homopolymer

Braskem

Message:

HP 525M is a medium fluidity homopolymer developed for the production of transparent tubular water quenched (TWQ) film. It is formulated with high level of slip and anti-blocking agents. Films made with HP 525M show very high transparency, high gloss, good printability after corona treatment and good sealability.

Applications:

Extrusion of Films for flexible packaging of snacks, pasta, bakery, hosiery, shirts, socks.

Processing:

Film Extrusion

General Information			
Additive	High Antiblock		
	High Slip		
Features	Excellent Printability		
	Good Flexibility		
	High Antiblocking		
	High Gloss		
	High Slip		
	Homopolymer		
	Medium Flow		
Uses	Food Packaging		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/Transparent		
Processing Method	Film Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	34.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	11	%	ASTM D638

Flexural Modulus - 1% Secant (Injection Molded)	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	88.0	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

