

# Braskem PP H 401

Polypropylene Homopolymer

Braskem

Message:

H 401 is a medium melt flow rate homopolymer polypropylene, additived with slip and antiblocking agents. Designed specially for cast film. This product features good impact strength, excellent transparency and gloss, good slipping and outstanding weldability.

Applications:

Coil for automatic packaging; Packages for food and textile products.

General Information	
Additive	Antiblock Slip
Features	Antiblocking Good Impact Resistance High Gloss Homopolymer Slip Weldable
Uses	Food Packaging Textile Applications
Agency Ratings	FDA 21 CFR 177.1520
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Cast Film Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	33.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	13	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1400	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, Injection Molded	92.0	°C	
1.8 MPa, Unannealed, Injection Molded	52.0	°C	
Vicat Softening Temperature	148	°C	ASTM D1525 <sup>1</sup>
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

