

# Braskem PP H 606

Polypropylene Homopolymer

Braskem

## Message:

Description:  
H 606 is low melt flow rate homopolymer with general purpose additive package. This resin is designed for extrusion and thermoforming. H 606 presents excellent processability and high output, excellent stiffness/impact strength balance, high melt strength and low odor/taste transfer.

Applications:  
Thermoformed packaging for food, cosmetic, health care and cleaning products; Flat and corrugated sheets

General Information			
Features	General Purpose		
	Good Impact Resistance		
	Good Melt Strength		
	Good Processability		
	High Stiffness		
	Homopolymer		
	Low Odor Transfer		
	Non-Toxic		
Uses	Corrugated Sheet		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion		
	Thermoforming		
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)	2.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	99		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	32.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	15	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C, Injection Molded)	38	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	152	°C	ASTM D1525 <sup>1</sup>
NOTE			
1.	Loading 1 (10 N)		

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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



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