

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
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Uses	Corrugated Sheet Packaging
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Agency Ratings	FDA 21 CFR 177.1520
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Forms	Pellets
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Processing Method	Extrusion Thermoforming
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Physical	Nominal Value	Unit	Test Method
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Specific Gravity	0.905	g/cm ³	ASTM D792
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Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ASTM D1238
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Hardness	Nominal Value	Unit	Test Method
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Rockwell Hardness (R-Scale, Injection Molded)	99		ASTM D785
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Strength (Yield, Injection Molded)	32.0	MPa	ASTM D638
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Tensile Elongation (Yield, Injection Molded)	15	%	ASTM D638
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Flexural Modulus - 1% Secant (Injection Molded)	1300	MPa	ASTM D790
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Impact	Nominal Value	Unit	Test Method
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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 ¹
NOTE			

1. Loading 1 (10 N)

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