

## Braskem H 605 Thermoforming Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Applications: Flat and corrugated sheets with high transparency; thermoformed packing with high transparency. Information provided by Braskem

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-H-605-Thermoforming-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-H-605-Thermoforming-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D792A
Melt Flow	2.1 g/10 min @Load 2.16 kg, Temperature 230 °C	2.1 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	93	93	ASTM D785
Tensile Strength, Yield	39.0 MPa	5660 psi	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.96 GPa	284 ksi	ASTM D790
Izod Impact, Notched	0.390 J/cm @Temperature 23.0 °C	0.731 ft-lb/in @Temperature 73.4 °F	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	106 °C	223 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ASTM D648
Vicat Softening Point	152 °C	306 °F	-1kg; ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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