

## Braskem CP 191 Injection Molding Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

**Material Notes:**

Applications: Household; low temperature packing; frozen desserts packaging. Information provided by Braskem

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-CP-191-Injection-Molding-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-CP-191-Injection-Molding-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D792A
Melt Flow	80 g/10 min @Load 2.16 kg, Temperature 230 °C	80 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	58	58	ASTM D785
Tensile Strength, Yield	18.0 MPa	2610 psi	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Flexural Modulus	1.00 GPa	145 ksi	ASTM D790
Izod Impact, Notched	0.400 J/cm @Temperature -20.0 °C	0.749 ft-lb/in @Temperature -4.00 °F	ASTM D256A
	0.630 J/cm @Temperature 23.0 °C	1.18 ft-lb/in @Temperature 73.4 °F	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	53.0 °C	127 °F	ASTM D648
Vicat Softening Point	137 °C	279 °F	-1kg; ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China