

## Braskem CP 204 Injection Molding Polypropylene

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

**Material Notes:**

Description: CP 204 is a high melt flow rate heterophasic copolymer with general purpose additive package. This product exhibits excellent processing performance, with good stiffness and impact strength balance. Applications: Thin-walled parts; easy mould filling; twisted closures. Information provided by Braskem

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-CP-204-Injection-Molding-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-CP-204-Injection-Molding-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792A
Melt Flow	22 g/10 min @Load 2.16 kg, Temperature 230 °C	22 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	92	92	ASTM D785
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.20 GPa	174 ksi	1% secant; ASTM D790
Izod Impact, Notched	0.300 J/cm @Temperature -20.0 °C	0.562 ft-lb/in @Temperature -4.00 °F	ASTM D256A
	0.700 J/cm @Temperature 23.0 °C	1.31 ft-lb/in @Temperature 73.4 °F	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	89.0 °C	192 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ASTM D648
Vicat Softening Point	152 °C	306 °F	10 N; ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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