

## CTC X-PRO CTC PP1020 Polypropylene Homopolymer

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

### Material Notes:

X-PRO PP 1020 is a polypropylene homopolymer. Its applications are: general purpose industrial injection molding, virgin polypropylene diluents, and polymer base for glass, talc or specialty filled compounds. Data provided by Composite Technologies (CTC).

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CTC-X-PRO-CTC-PP1020-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_CTC-X-PRO-CTC-PP1020-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM-D792
Melt Flow	20 g/10 min	20 g/10 min	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	2 in/min; ASTM-D638
Elongation at Yield	10 %	10 %	2 in/min; ASTM-D638
Flexural Modulus, 1% Secant	1210 MPa	175000 psi	0.05 in/min; ASTM-D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	ASTM-D3418
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	ASTM-D648

Descriptive Properties	Value	Comments
Color	General Purpose Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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