

## CTC X-PRO CTC PP 2019 Polypropylene Impact Copolymer

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

**Material Notes:**

X-PRO PP 2019 is a high impact, polypropylene copolymer. It has automotive and industrial general purpose applications. Data provided by Composite Technologies (CTC).

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CTC-X-PRO-CTC-PP-2019-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_CTC-X-PRO-CTC-PP-2019-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	12 g/10 min	12 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	ISO 527-1/2
Flexural Modulus	0.705 GPa	102 ksi	0.05 in/min; ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/m <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	partial break, Low Temp; ISO 180/A

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	182 - 216 °C	360 - 420 °F	
Middle Barrel Temperature	193 - 227 °C	380 - 440 °F	
Front Barrel Temperature	204 - 216 °C	400 - 420 °F	
Nozzle Temperature	204 - 216 °C	400 - 420 °F	
Melt Temperature	204 - 227 °C	400 - 440 °F	
Mold Temperature	26.7 - 60.0 °C	80.0 - 140 °F	
Back Pressure	0.345 - 1.03 MPa	50.0 - 150 psi	
Clamp Pressure	27.6 - 34.5 MPa	4000 - 5000 psi	

Descriptive Properties	Value	Comments
Boost Pressure (psi)	500-1500	
Color	General Purpose Black	
Hold Pressure	50 - 75% of Boost	
Screw Speed	Medium to Fast	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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