

## Styron PULSE<sup>®</sup>,ç EXT 200 PC/ABS Engineering Resin

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

### Material Notes:

Overview: High Heat, High Impact PC/ABS resin for injection molded automotive plating and painting trim applications. Information provided by Styron

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Styron-PULSE-EXT-200-PCABS-Engineering-Resin.php](http://www.lookpolymers.com/polymer_Styron-PULSE-EXT-200-PCABS-Engineering-Resin.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	ASTM D792
Melt Flow	2.5 g/10 min @Load 3.80 kg, Temperature 230 °C	2.5 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	180 MPa	26100 psi	50 mm/min; ASTM D638
Tensile Strength, Yield	47.6 MPa	6900 psi	50 mm/min; ASTM D638
Flexural Modulus	2.18 GPa	316 ksi	ASTM D790
Izod Impact, Notched	5.10 J/cm @Temperature -34.0 °C	9.55 ft-lb/in @Temperature -29.2 °F	ASTM D256
	6.00 J/cm @Temperature 23.0 °C	11.2 ft-lb/in @Temperature 73.4 °F	ASTM D256
Charpy Impact, Notched	4.40 J/cm <sup>2</sup> @Temperature 23.0 °C	20.9 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179
	4.90 J/cm <sup>2</sup> @Temperature -29.0 °C	23.3 ft-lb/in <sup>2</sup> @Temperature -20.2 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	241 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	93.3 °C	200 °F	Unannealed; ASTM D648
	11.0 °C	51.8 °F	

Vicat Softening Point Thermal Properties	Metric @Load 5.10 kg	English @Load 11.2 lb	Rate A (50A°C/h); ASTM D1525 Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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