

## Styron Pulse<sup>®</sup> 2000EZ PC/ABS

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate (PC)

### Material Notes:

Engineering Resin Information provided by Dow This product line was spun off from Dow Chemical to Styron in 2010.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Styron-Pulse-2000EZ-PCABS.php](http://www.lookpolymers.com/polymer_Styron-Pulse-2000EZ-PCABS.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183 B
Water Absorption	0.15 %	0.15 %	23 <sup>°</sup> C, 24hrs; ISO 62
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ISO 294
Melt Flow	24 g/10 min @Load 5.00 kg, Temperature 260 <sup>°</sup> C	24 g/10 min @Load 11.0 lb, Temperature 500 <sup>°</sup> F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	47.0 MPa	6820 psi	ISO 527-2
Tensile Strength, Yield	57.0 MPa	8270 psi	ISO 527-2
Elongation at Break	90 %	90 %	ISO 527-2
Elongation at Yield	4.5 %	4.5 %	ISO 527-2
Tensile Modulus	2.33 GPa	338 ksi	ISO 527-2
Flexural Strength	90.0 MPa	13100 psi	ISO 178
Flexural Modulus	2.40 GPa	348 ksi	ISO 178
Izod Impact, Notched (ISO)	47.0 kJ/m <sup>2</sup> @Temperature -30.0 <sup>°</sup> C	22.4 ft-lb/in <sup>2</sup> @Temperature -22.0 <sup>°</sup> F	ISO 180-4A
	63.0 kJ/m <sup>2</sup> @Temperature 23.0 <sup>°</sup> C	30.0 ft-lb/in <sup>2</sup> @Temperature 73.4 <sup>°</sup> F	ISO 180-4A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 <sup>°</sup> C	266 <sup>°</sup> F	unannealed; ISO 75-A
Deflection Temperature at 1.8 MPa (264 psi)	106 <sup>°</sup> C	223 <sup>°</sup> F	unannealed; ISO 75-A

Thermal Properties	Metric	English	Comments
Heat Softening Point	142 °C	288 °F	1Kg / 50K C/hr; ISO 306B 1Kg / 120°C/hr; ISO 306A

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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