

## PlastxWorld CEVIAN® DR210 PC Alloy

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

High impact, good flowability and heat resistant. These are typical values and are not intended for specification purposes. UL approved file No. is E47773. Information provided by PlastxWorld Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PlastxWorld-CEVIAN-DR210-PC-Alloy.php](http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-DR210-PC-Alloy.php)

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ASTM D955
Melt Flow	10 g/10 min @Load 3.80 kg, Temperature 230 °C	10 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	ASTM D638
Elongation at Break	80 %	80 %	ASTM D638
Flexural Yield Strength	82.7 MPa	12000 psi	ASTM D790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Notched	5.34 J/cm @Thickness 6.35 mm	10.0 ft-lb/in @Thickness 0.250 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	95.0 °C	203 °F	0.25 inch; ASTM D648
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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