

## PlastxWorld CEVIAN® A1500 PA/ABS Alloy, Conditioned

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend , Nylon

### Material Notes:

Property data is for samples at equilibrium moisture (2.0%)Information provided by PlastxWorld Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PlastxWorld-CEVIAN-A1500-PAABS-Alloy-Conditioned.php](http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-A1500-PAABS-Alloy-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.70 %	0.70 %	24 hr; ASTM D570
Moisture Absorption at Equilibrium	2.0 %	2.0 %	
Linear Mold Shrinkage	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	101	101	ASTM D785
Tensile Strength at Break	31.0 MPa	4500 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D635
Flexural Yield Strength	39.3 MPa	5700 psi	ASTM D790
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790
Izod Impact, Notched	8.54 J/cm	16.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	0.5 inch; ASTM D648
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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