

## Chase Plastics CP Pryme® NNA100 (Dry) ABS Polyamide Alloy

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

### Material Notes:

Features: Good abrasion resistancePleasing surface appearanceGood chemical resistanceHigh impact resistanceHigh rigidityLow shrinkageSolvent resistanceHigh strengthGood thermal stabilityGood toughnessLow warpageInjection moldingForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chase-Plastics-CP-Pryme-NNA100-Dry-ABS-Polyamide-Alloy.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NNA100-Dry-ABS-Polyamide-Alloy.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.20 %	0.20 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.010 cm/cm	0.010 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	ASTM D785
Tensile Strength, Yield	43.4 MPa	6300 psi	ASTM D638
Elongation at Break	230 %	230 %	ASTM D638
Flexural Strength	56.9 MPa	8250 psi	ASTM D790
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Notched	10.1 J/cm	19.0 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	Unannealed; ASTM D648
Vicat Softening Point	199 °C	390 °F	Rate A; ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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