

## Chase Plastics CP Pryme® AC125 Acetal Copolymer, 25% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, 30% Glass Fiber Reinforced

### Material Notes:

Features: Glass fiber reinforcedAlkali resistantGood chemical resistanceGood dimensional stabilityFatigue resistantLow frictionGrease resistantLow moisture absorptionOil resistantResilientHigh rigiditySolvent resistantHigh strengthGood thermal stabilityGood toughnessForm: PelletsInformation provided by Chase Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chase-Plastics-CP-Pryme-AC125-Acetal-Copolymer-25-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-AC125-Acetal-Copolymer-25-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in <sup>3</sup>	ASTM D792
Filler Content	25 %	25 %	
Water Absorption	0.26 %	0.26 %	At 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0040 cm/cm	0.0040 in/in	0.125 in; ASTM D955
Linear Mold Shrinkage, Transverse	0.011 cm/cm	0.011 in/in	0.125 in; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	85	85	ASTM D785
Tensile Strength, Yield	114 MPa	16500 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Modulus	7.58 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	0.125 in; ASTM D256
Tensile Impact Strength	94.5 kJ/m <sup>2</sup>	45.0 ft-lb/in <sup>2</sup>	Type S; ASTM D1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	166 °C	330 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	161 °C	322 °F	Unannealed; ASTM D648

## 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**