

## Samyang Tribit<sup>®</sup> 1500A15 PBT, Inorganic Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

### Material Notes:

Crystallization is fast, formability is excellent and thermal resistance, chemical resistance, electrical properties and abrasion resistance are excellent. 1500A15 contains inorganic filler. Applications: Automotive Bezel - for thermal resistance and direct deposition. Information provided by Samyang.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Samyang-Tribit-1500A15-PBT-Inorganic-Reinforced.php](http://www.lookpolymers.com/polymer_Samyang-Tribit-1500A15-PBT-Inorganic-Reinforced.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 g/cc	1.53 g/cc	ASTM D792
Linear Mold Shrinkage	0.012 - 0.014 cm/cm	0.012 - 0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	55.9 MPa	8110 psi	ASTM D638
Elongation at Break	<= 10 %	<= 10 %	ASTM D638
Flexural Yield Strength	95.1 MPa	13800 psi	ASTM D790
Flexural Modulus	5.00 GPa	725 ksi	ASTM D790
Izod Impact, Notched	0.392 J/cm @Thickness 3.17 mm	0.735 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	197 Â°C	387 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	110 Â°C	230 Â°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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