

## Ovation Polymers Uttap SF 600 Polyethersulfone

Category : Polymer , Thermoplastic , Polyethersulfone (PES)

**Material Notes:**

Polyether Sulfone Resin-Medium Viscosity, unreinforced standard grade for Easy Injection Molding. Information provided by Ovation Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ovation-Polymers-Uttap-SF-600-Polyethersulfone.php](http://www.lookpolymers.com/polymer_Ovation-Polymers-Uttap-SF-600-Polyethersulfone.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	88.0 MPa	12800 psi	50 mm/min; ASTM D638
Elongation at Break	6.0 %	6.0 %	50 mm/min; ASTM D638
Tensile Modulus	2.60 GPa	377 ksi	50 mm/min; ASTM D638
Flexural Yield Strength	130 MPa	18900 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	2.80 GPa	406 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.850 J/cm @Temperature 23.0 °C	1.59 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	195 °C @Thickness 3.20 mm	383 °F @Thickness 0.126 in	unannealed; ASTM D648
Glass Transition Temp, Tg	225 °C	437 °F	ASTM D3482

## Contact Songhan Plastic Technology Co.,Ltd.

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