

Asahi Kasei Tenac® SH510 Homopolymer Acetal Resin

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Homopolymer, Unreinforced

Material Notes:

General purpose grade characterized by balanced flowability and mechanical properties. Information provided by Asahi Kasei Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Tenac-SH510-Homopolymer-Acetal-Resin.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.018 - 0.022 cm/cm	0.018 - 0.022 in/in	Asahi Kasei Method
Melt Flow	22 g/10 min	22 g/10 min	ISO 1133 D

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	73.0 MPa	10600 psi	ISO 527 - 1 & - 2
Elongation at Break	35 %	35 %	ISO 527 - 1 & - 2
Tensile Modulus	3.40 GPa	493 ksi	ISO 527 - 1 & - 2
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	ISO 179 / 1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	165 °C	329 °F	ISO 75 - 1 & - 2 flat
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	ISO 75 - 1 & - 2 flat
Flammability, UL94	HB	HB	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China