

Asahi Kasei Tenac®-C 5520 Copolymer Acetal Resin

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

Material Notes:

Similar to TENAC®-C 4520 but with higher flow and minimized mold deposit. Information provided by Asahi Kasei Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Tenac-C-5520-Copolymer-Acetal-Resin.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.016 - 0.020 cm/cm	0.016 - 0.020 in/in	Asahi Kasei Method
Melt Flow	15 g/10 min	15 g/10 min	ISO 1133 D

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	66.0 MPa	9570 psi	ISO 527 - 1 & - 2
Elongation at Break	50 %	50 %	ISO 527 - 1 & - 2
Tensile Modulus	2.85 GPa	413 ksi	ISO 527 - 1 & - 2
Charpy Impact, Notched	0.600 J/cm ²	2.86 ft-lb/in ²	ISO 179 / 1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	156 °C	313 °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	

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