

BASF Procom® T20C 556 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Uses: car heater casings, electrical and domestic appliance components (e.g. motor housings, dryer drums), industrial and agricultural plant components, textile bobbins. Data was collected by ISO methods and provided by BASF.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Procom-T20C-556-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
Linear Mold Shrinkage, Flow	0.0125 cm/cm	0.0125 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	
Tensile Modulus	2.40 GPa	348 ksi	
Charpy Impact Unnotched	7.50 J/cm ²	35.7 ft-lb/in ²	
	2.50 J/cm ²	11.9 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	80.0 µm/m-°C	44.4 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	
Deflection Temperature at 1.8 MPa (264 psi)	67.0 °C	153 °F	
Vicat Softening Point	74.0 °C	165 °F	

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