

BASF Ultraform® FK 66003 20% Silicone Filled POM

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Silicone Filled

Material Notes:

Description: Polyoxymethylene based batch with approx. 20% silicone (polysiloxane) for modifying tribological properties of thermoplastic polyoxymethylenes. Recommended concentrations of batch FK66003 within the mixture with thermoplastic polyoxymethylenes are in the range of 1 to 5. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultraform-FK-66003-20-Silicone-Filled-POM.php

Physical Properties	Metric	English	Comments
Bulk Density	0.890 g/cc	0.0322 lb/in ³	
Density	1.40 g/cc	0.0506 lb/in ³	DIN 53479
Melt Flow	49 g/10 min @Load 10.0 kg, Temperature 190 °C	49 g/10 min @Load 22.0 lb, Temperature 374 °F	ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 11357-1/-3
Decomposition Temperature	>= 240 °C	>= 464 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 230 °C	374 - 446 °F	Injection molding

Descriptive Properties	Value	Comments
Commercial Status	Europe	
Ignition Temperature	320 - 340 °C	ASTM D1929

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