

Ultraform® FK 66003

Acetal (POM) Copolymer

BASF Corporation

Message:

Polyoxymethylene based batch with approx. 20 weight % 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 %.

General Information			
Additive	Silicone Lubricant (20%)		
Features	Copolymer		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Granules		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	POM		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.85	g/cm ³	
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	35.0	cm ³ /10min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	165	°C	ISO 11357-3
Additional Information	Nominal Value		Test Method
ISO Type	POM-K		ISO 9988-1
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 230	°C	

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