

Ekatal® C 9 X

Acetal (POM) Copolymer

Sattler KunststoffWerk GmbH

Message:

Ekatal® C 9 X is a polyoxymethylene (POM) copolymer product. It is available in Europe.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2
Tensile Stress (Yield)	41.0	MPa	ISO 527-2
Tensile Strain (Break)	39	%	ISO 527-2
Flexural Stress	39.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.4	kJ/m ²	ISO 179/1eA
23°C	5.3	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/Af
Additional Information			

Melt Mass Flow Rate (MFR), ISO 1133, 190 °C/ 2.16kg: 8 to 12 g/10 min

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