

POLYform C M90 GF10

Acetal (POM) Copolymer

Polykemi AB

Message:

POLYform C M90 GF10 is an Acetal (POM) Copolymer product filled with 10% filler. It is available in Asia Pacific or Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Filler, 10% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.90 to 1.4	%	
Flow	0.90 to 1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	70.0	MPa	ISO 527-2
Tensile Strain (Break)	7.0	%	ISO 527-2
Flexural Modulus (23°C)	4000	MPa	ISO 178
Flexural Stress	105	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	155	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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