

Badaflex® TPU 90A 8030 CF17

Thermoplastic Polyurethane Elastomer

Bada AG

Message:

Badaflex® TPU 90A 8030 CF17 is a thermoplastic polyurethane elastomer material containing a 17% carbon fiber reinforced material. This product is available in Europe, and the processing method is injection molding.

General Information			
Filler / Reinforcement	Carbon fiber reinforced material, 17% filler by weight		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		DIN 53505
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD	20.0	MPa	DIN 53504
Tensile Elongation - MD (Break)	350	%	DIN 53504
Elastomers	Nominal Value	Unit	Test Method
Tear Strength - Flow	20	kN/m	DIN 53515
Compression Set			DIN 53515
23°C, 72 hr	25	%	DIN 53515
70°C, 24 hr	40	%	DIN 53515
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2	ohms	IEC 60093
Injection	Nominal Value	Unit	
Drying Temperature	90	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	170 - 180	°C	
Mold Temperature	30 - 60	°C	

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Recommended distributors for this material

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