

Badaflex® TPU 85A 5185 EL

Thermoplastic Polyurethane Elastomer

Bada AG

Message:

Badaflex® TPU 85A 5185 EL is a thermoplastic polyurethane elastomer material. This product is available in Europe, and the processing method is injection molding.

General Information			
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		DIN 53505
Films	Nominal Value	Unit	Test Method
Tensile Strength			DIN 53504
MD	20.0	MPa	DIN 53504
TD	20.0	MPa	DIN 53504
Tensile Elongation			DIN 53504
MD: Fracture	350	%	DIN 53504
TD: Fracture	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+9	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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