

Badaflex® TPU 80A 8018

Thermoplastic Polyurethane Elastomer

Bada AG

Message:

Badaflex® TPU 80A 8018 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)	80		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	30.0	mm ³	DIN 53516
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD	45.0	MPa	DIN 53504
Tensile Elongation - MD (Break)	620	%	DIN 53504
Elastomers	Nominal Value	Unit	Test Method
Tear Strength - Flow	60	kN/m	DIN 53515
Compression Set			DIN 53515
23°C, 72 hr	25	%	DIN 53515
70°C, 24 hr	40	%	DIN 53515
Injection	Nominal Value	Unit	
Drying Temperature	90	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	175 - 200	°C	
Mold Temperature	30 - 60	°C	

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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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