

Badaflex® TPE-S 50A 1027

Styrene Ethylene Butylene Styrene Block Copolymer

Bada AG

Message:

Thermoplastic Elastomer as a easy flowing injection moulding grade with improved weather resistance and compression set
Overmoulding capability: Polypropylene (PP)

General Information			
Features	Good Flow		
	Good Weather Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		DIN 53505
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	4.50	MPa	DIN 53504
Tensile Elongation (Break)	600	%	DIN 53504
Compression Set			DIN 53515
23°C, 72 hr	12	%	
70°C, 24 hr	32	%	
100°C, 24 hr	65	%	
Additional Information	Nominal Value	Unit	Test Method
Tear Strength	9.0	kN/m	DIN 53515
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 220	°C	
Mold Temperature	30.0 to 50.0	°C	
Injection Rate	Fast		

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