

Badaflex® TPE-S 60A 5123 FR S1

Thermoplastic Elastomer

Bada AG

Message:

Badaflex® TPE-S 60A 5123 FR S1 is a Thermoplastic Elastomer (TPE) material. It is available in Europe for injection molding.

Important attributes of Badaflex® TPE-S 60A 5123 FR S1 are:

- Flame Rated
- RoHS Compliant
- Copolymer

General Information			
UL YellowCard	E189230-101282654		
Features	Copolymer		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	60		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			DIN 53504
Across Flow	7.00	MPa	
Flow	6.00	MPa	
Tensile Elongation			DIN 53504
Across Flow : Break	740	%	
Flow : Break	520	%	
Elastomers	Nominal Value	Unit	Test Method
Tear Strength - Flow	18	kN/m	DIN 53515
Compression Set (23°C, 72 hr)	24	%	DIN 53515
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.00 mm	V-0		
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 210	°C	
Mold Temperature	30.0 to 50.0	°C	
Injection Rate	Fast		

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