

Badaflex® TPE-S 60A 1344 LD GR

Styrene Ethylene Butylene Styrene Block Copolymer

Bada AG

Message:

Thermoplastic Elastomer as a low density and low odour injection moulding grade for automotive interieur applications

Overmoulding capability: Polypropylene (PP)

General Information			
Features	Low Density		
	Low to No Odor		
Uses	Automotive Interior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	DIN 53479
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	60		DIN 53505
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	8.50	MPa	DIN 53504
Tensile Elongation			DIN 53504
Across Flow : Break	860	%	
Flow : Break	750	%	
Compression Set			DIN 53515
23°C, 72 hr	24	%	
70°C, 24 hr	42	%	
Additional Information	Nominal Value	Unit	Test Method
Tear Strength			DIN 53515
-- ¹	18.0	kN/m	
Transverse Direction	20.0	kN/m	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 220	°C	
Mold Temperature	30.0 to 50.0	°C	
Injection Rate	Fast		
NOTE			
1.	Parallel Direction		

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