Technical Data Sheet

Badaflex® TPE-S 60A 1087 2K

TPE-SEBS

Thermoplastic Elastomer as a standard injection moulding grade based on SEBS Copolymer, modified to have adhesion to PA6

Properties	Test Methods	Units	Typical Values
Hardness	DIN 53505	Shore A Shore D	60A
Density	DIN 53479	g/cm^3	1,15
Tensile Strength	DIN 53504	MPa	
Parallel Direction			5
Transverse Direction			5,5
Elongation at Rupture	DIN 53504	%	
Parallel Direction			500
Transverse Direction			540
Tear Strength	DIN 53515	N/mm	
Parallel Direction			13
Transverse Direction			13
Compression Set	DIN 53515	%	
72h/23 °C			21
24h/70 °C			44
24h/100 °C			76
Processing			
Melt Temperature	-	°C	210 – 240
Tool Temperature	-	°C	30 – 50
Injection speed	-	-	high
Predrying	-	-	usually not required
Overmoulding capability	-	-	Polyamid (PA6)

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