



Badaflex® TPE-S 40D 1038			
TPE-SEBS			
Thermoplastic Elastomer as a standard injection moulding grade based on SEBS Copolymer			
Properties	Test Methods	Units	Typical Values
Hardness	DIN 53505	Shore A Shore D	40D
Density	DIN 53479	g/cm ³	1,18
Tensile Strength Parallel Direction Transverse Direction	DIN 53504	MPa	12
Elongation at Rupture Parallel Direction Transverse Direction	DIN 53504	%	500
Tear Strength Parallel Direction Transverse Direction	DIN 53515	N/mm	32
Compression Set 72h/23 °C 24h/70 °C 24h/100 °C	DIN 53515	%	16 41 70
Processing Melt Temperature Tool Temperature Injection speed	- - -	°C °C -	180 – 220 30 – 50 high
Predrying	-	-	usually not required
Overmoulding capability	-	-	Polypropylene (PP)

These data are typical values and represent the state of our knowledge at issue date. If not otherwise stated, the given values are related to uncoloured material. They must not be construed as specification limits or as a guarantee for specific properties. It is the liability of the processor to test the suitability of the material for a specific application.

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