Technical Data Sheet

Badaflex® TPE-S 50D 1040

TPE-SEBS

Thermoplastic Elastomer, injection moulding grade based on SEBS Copolymer

Properties	Test Methods	Units	Typical Values
Hardness	DIN 53505	Shore A Shore D	 50D
Density	DIN 53479	g/cm^3	1,18
Tensile Strength Parallel Direction Transverse Direction	DIN 53504	MPa	 17,5
Elongation at Rupture Parallel Direction Transverse Direction	DIN 53504	%	 600
Tear Strength Parallel Direction Transverse Direction	DIN 53515	N/mm	 50
Compression Set 72h/23 °C 24h/70 °C 24h/100 °C	DIN 53515	%	 - - -
Processing Melt Temperature Tool Temperature Injection speed	 - - -	 °C °C -	 180 – 220 30 – 50 high
Predrying	-	-	usually not required
Overmoulding capability	-	-	Polypropylene (PP)

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