Technical Data Sheet

Badaflex® TPE-S 70A 1006 S1

TPE-SEBS

Thermoplastic Elastomer; standard injection moulding grade based on SEBS Copolymer

Properties	Test Methods	Units	Typical Values
Hardness	ISO 7619-1	Shore A Shore D	70A
Density	ISO 1183-1	g/cm^3	1.18
Tensile Strength Parallel Direction Transverse Direction	DIN 53504	MPa	 7
Elongation at Rupture Parallel Direction Transverse Direction	DIN 53504	%	 650
Tear Strength Parallel Direction Transverse Direction	ISO 34-1	N/mm	 20
Compression Set 72h/23 °C 24h/70 °C 24h/100 °C	ISO 815-1	%	 16 45 68
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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