



## Badaflex® TPE-S 80A 1032 UV

TPE-SEBS

Thermoplastic Elastomer as a standard injection moulding grade based on SEBS Copolymer with improved compression set and high UV-resistance

Properties	Test Methods	Units	Typical Values
<b>Hardness</b>	DIN 53505	Shore A Shore D	80A
<b>Density</b>	DIN 53479	g/cm <sup>3</sup>	1,17
<b>Tensile Strength</b> Parallel Direction Transverse Direction	DIN 53504	MPa	8,5
<b>Elongation at Rupture</b> Parallel Direction Transverse Direction	DIN 53504	%	630
<b>Tear Strength</b> Parallel Direction Transverse Direction	DIN 53515	N/mm	28
<b>Compression Set</b> 72h/23 °C 24h/70 °C 24h/100 °C	DIN 53515	%	33 56 77
<b>Processing</b> Melt Temperature Tool Temperature Injection speed	- - -	°C °C -	180 . 220 30 . 50 high
<b>Predrying</b>	-	-	usually not required
<b>Overmoulding capability</b>	-	-	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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