Technical Data Sheet

Badaflex® TPE-S 60A 1446 2K FR

TPE-SEBS

Easy flowing Thermoplastic Elastomer based on SEBS; Adhesion modified to PA, flame retardant UL94-V0

Properties	Test Methods	Units	Typical Values
Hardness	DIN 53505	Shore A Shore D	60A
Density	DIN 53479	g/cm^3	1,06
Tensile Strength Parallel Direction Transverse Direction	DIN 53504	MPa	 5,5
Elongation at Rupture Parallel Direction Transverse Direction	DIN 53504	%	 600 650
Tear Strength Parallel Direction Transverse Direction	DIN 53515	N/mm	 -
Compression Set 72h/23 °C 24h/70 °C 24h/100 °C	DIN 53515	%	 32
Processing Melt Temperature Tool Temperature Injection speed	 - - -	 °C °C -	 220 – 250 30 – 50 high
Predrying	-	-	usually not required
Overmoulding capability	-	-	PA

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