Technical Data Sheet

Badaflex® TPE-S 50A 5247 2K S1

>TPS-SEBS<

Thermoplastic Elastomer based on SEBS Copolymer, for overmolding of ABS and ABS/PC

Properties	Test Methods	Units	Typical Values
Hardness	DIN 53505	Shore A Shore D	50A
Density	DIN 53479	g/cm^3	1,05
Tensile Strength Parallel Direction Transverse Direction	DIN 53504	MPa	 9 9
Elongation at Rupture Parallel Direction Transverse Direction	DIN 53504	%	 >600 >600
Tear Strength Parallel Direction Transverse Direction	DIN 53515	N/mm	 - -
Compression Set 72h/23 °C 24h/70 °C 24h/100 °C	DIN 53515	%	 22 - -
Processing Melt Temperature Mold Temperature Injection speed	 - - -	 °C °C -	 180-210 30 – 50 high
Predrying	-	-	usually not required
Overmoulding capability	-	-	ABS, ABS/PC

HongRong Engineering Plastics Co.,Ltd.
Head Office Tel. +85-2-6957-5415
Research Center Tel.+188 1699 6168