Technical Data Sheet

Badaflex® TPE-S 65A 5331

<TPE-SEBS> Polystyrene-Poly(ethylene-butylene)-Polystyrene

Thermoplastic Elastomer compound for injection moulding based on SEBS für articles with thin wall thicknesses

Properties	Test Methods	Units	Typical Values
Hardness	ISO 7619-1	Shore A Shore D	65A
Density	ISO 1183-1	g/cm^3	0,99
Tensile Strength	DIN 53504	MPa	
Parallel Direction			5,8
Transverse Direction			5,8
Elongation at Rupture	DIN 53504	%	
Parallel Direction			>500
Transverse Direction			>500
Tear Strength	ISO 34-1	N/mm	
Parallel Direction			19
Transverse Direction			
Compression Set	ISO 815-1	%	
72h/23 °C			-
24h/70 °C			46
24h/100 °C			-
Processing			
Melt Temperature	-	°C	180 – 220
Tool Temperature	-	°C	30 – 50
Injection speed	-	-	high
Predrying	-	-	usually not required
Overmoulding capability	-	-	Polypropylene (PP)

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