Technical Data Sheet

Badaflex® TPU 80A 8049 GK20

TPU-GK20

Thermoplastic Elastomer based on Polyester-Polyurethane; 20% glass beads filled injection molding grade

Properties	Prüfnorm	Einheit	Richtwert
Hardness	DIN 53505	Shore A Shore D	80A -
Density	DIN 53479	g/cm^3	1,29
Tensile Strength Machine Direction Transverse Direction	DIN 53504	MPa	 35 -
Elongation at Rupture Machine Direction Transverse Direction	DIN 53504	%	 300 -
Tear Propagation Strength Machine Direction Transverse Direction	DIN 53515	N/mm	 45 -
Compression Set 72h/23 °C 24h/70 °C 24h/100 °C	DIN 53515	%	 40 52 -
Abrasion Resistance	DIN 53516	mm^3	-
Processing Temperatures Melt Temperature Tool Temperature	 - -	 °C °C	 185 – 200 30 - 60
Predrying Drying Temperature Drying Time	 - -	 °C h	 90 3

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