Technical Data Sheet

Badaflex® TPU 85A 5463 UV

TPU

Thermoplastic Elastomer based on Polyurethane

Properties	Prüfnorm	Einheit	Richtwert
Hardness	DIN 53505	Shore A Shore D	85A -
Density	DIN 53479	g/cm^3	1.09
Tensile Strength Machine Direction Transverse Direction	DIN 53504	MPa	 35 -
Elongation at Rupture Machine Direction Transverse Direction	DIN 53504	%	 720 -
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	%	 22 30 45
Abrasion Resistance	DIN 53516	mm³	-
Processing Temperatures Melt Temperature Tool Temperature	 - -	 °C °C	 175-200 30-60
Predrying Drying Temperature Drying Time	 - -	 °C h	 90 3

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