Preliminary Technical Data Sheet

Badaflex® TPE-E 50D 5305 LR EL

TPE-E

Thermoplastic Copolyester-Elastomer, extrusion grade, suitable for ATEX applications

Properties	Test Methods	Units	Typical Values
Hardness	DIN 53505	Shore A Shore D	- 50
Density	DIN 53479	g/cm^3	1,1
Tensile Strength Parallel Direction Transverse Direction	DIN 53504	MPa	 20 -
Elongation at Rupture Parallel Direction Transverse Direction	DIN 53504	%	 300 300
Compression Set 72h/23 °C 24h/70 °C 24h/100 °C	DIN 53515	%	 - - -
Specific Surface Resistivity [7]	IEC 93-	Ohm	$< 10^3$
Processing Temperatures Melt Temperature Tool Temperature	 - -	 °C °C	 210 - 225 -
Predrying Drying Temperature Drying Time	 - -	 °C h	 100 -110 3 - 4

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