

Physical properties*	Unit	Test standard	Value
Polyester based TPU			
Hardness	Shore A	DIN 53505	92
Specific gravity	g/cm ³	DIN 53479	1.22
Tensile Strength	MPa	DIN 53504	40
ultimate elongation	%		550
Tensile stress at 50% elongation	MPa		8.9
100% elongation	MPa		9.7
300% elongation	MPa		16.9
Tear resistance	kN/m	DIN 53515	95
Abrasion loss	mm ³	DIN 53516	40
Rebound resilience	%	DIN 53512	25
Tg	°C	DSC	-20

* Please note that listed values are “typical (average) values” and should/can not be applied for specification purposes; **listed values are related to 2 mm thickness.**

Comply with the requirements of:

- Commission Regulation EU No. 10/2011, Regulations No. 1935/2004 and No. 2023/2006
- FDA 175.105 (Adhesives)
- FDA 177.1680 (Polyurethane resins)
- FDA 177.2600 (Rubber articles for repeated use)