

Material

98 TPU H1005502

Version
02

Released on
10.03.2026

General Data

Colour: blue

Physical Properties

	Nominal Range	Typical Value	
Density ASTM D297, 23 °C	1.22 ±0.03	1.22	g/cm ³
Hardness ASTM D2240, Shore A, 23 °C	97 ±5	97	Shore
Tensile strength ASTM D412	>10	50.0	MPa
Elongation at break ASTM D412	>100	541	%
Compression set ASTM D395, 22 h, 100 °C		53	%

This data sheet supersedes all previous versions. The content is subject to change without prior notice. The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

Print date: 10.03.2026