

EON TPU

EON TPU is an elastomer with rubber-like behavior. The thermoplastic polyurethane offers, due to its characteristics, excellent impact energy absorption properties, making it possible to manufacture flexible and unique parts that can be used in various applications, such as: joints, shock absorbers, protective coatings, and many others.

Mechanical Properties	Vertical xz	Method
Flexural Modulus	90 MPa	D790
Tensile Modulus at 2 % Strain	98 MPa	D412-16
Tensile Modulus at 100 % Strain	13 MPa	
Tensile Stress at Break	26 MPa	
Tensile Strain at Break	550 %	

Other Properties	Typical Value	Method
Density	1,2 g/cm ³	D792-20
Hardness	95	D2240-15 (Type A)