

EON PA

EON PA is an engineering thermoplastic that is non-abrasive, ideal for non-scratching parts and great for ergonomic surfaces and workholding for pieces that are easily marred. It offers improved smoothness, great finish, strength and stiffness. EON PA exhibits outstanding abrasion resistance with good flexibility to suit a different range of applications.

Mechanical Properties	Typical Value	Test Method
Tensile Modulus	1,7 GPa	D638
Tensile Strain at Yield	51 MPa	
Tensile Stress at Break	36 MPa	
Tensile Strain at Break	150 %	
Flexural Strength	50 MPa	D790 (1)
Flexural Modulus	1,4 GPa	
Izod Impact	110 J/m	D256-10 A

Thermal Properties	Typical Value	Method
Heat Deflection Temperature	41° C	D648 B

Other Properties	Typical Value	Method
Density	1,1 g/cm ³	-

Notes:

1) Measured by a method similar to ASTM D790. Composite Base -only parts do not break before end of flexural test.