

True Silicone (20A)

Key Features

Flexibility • Elasticity • Smooth surface • High resolution

Applications

End-use parts • Engineering • Medicine, dentistry • Consumer goods

Product Description

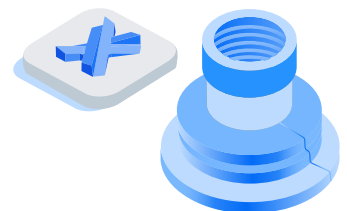
TrueSil Silicone products are high-performance, 3D printed silicone rubber items made from 100% pure silicone, meeting market standards for performance and surface quality. These white translucent materials offer versatility and reliability, suitable for general applications in various industrial and medical uses. True Silicone combines excellent mechanical properties, high resolution, and exceptional surface quality into isotropic parts ideal for end-use in both sectors.

Properties

Young's modulus	0.25 MPa
Tensile strength	5 MPa
Elongation at break	900%
Tear strength	6 N/mm
Compression set (24h 80°C)	9.5%
Rebound resilience	60%
Density	1.05 g/cm ³
Hardness	20A

Reference

We encourage users to verify the data's relevance and suitability for their specific needs.



Stereolithography (SLA)

True Silicone (35A)

Key Features

Flexibility • Elasticity • Smooth surface • High resolution

Applications

End-use parts • Engineering • Medicine, dentistry • Consumer goods

Product Description

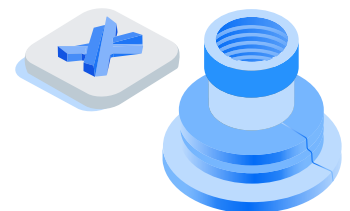
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Properties

Young's modulus	0.5 MPa
Tensile strength	10 MPa
Elongation at break	1000%
Tear strength	12.6 N/mm
Compression set (24h 80°C)	6%
Rebound resilience	67%
Density	1.09 g/cm ³
Hardness	35A

Reference

We encourage users to verify the data's relevance and suitability for their specific needs.



True Silicone (50A)

Key Features

Flexibility • Elasticity • Smooth surface • High resolution

Applications

End-use parts • Engineering • Medicine, dentistry • Consumer goods

Product Description

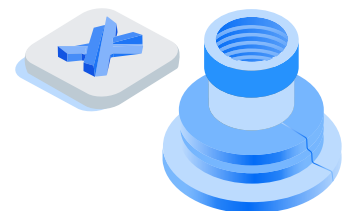
TrueSil Silicone products are high-performance, 3D printed silicone rubber items made from 100% pure silicone, meeting market standards for performance and surface quality. These white translucent materials offer versatility and reliability, suitable for general applications in various industrial and medical uses. True Silicone combines excellent mechanical properties, high resolution, and exceptional surface quality into isotropic parts ideal for end-use in both sectors.

Properties

Young's modulus	0.9 MPa
Tensile strength	8.5 MPa
Elongation at break	600%
Tear strength	9 N/mm
Compression set (24h 80°C)	9%
Rebound resilience	59%
Density	1.101 g/cm ³
Hardness	50A

Reference

We encourage users to verify the data's relevance and suitability for their specific needs.



True Silicone (60A)

Key Features

Flexibility • Elasticity • Smooth surface • High resolution

Applications

End-use parts • Engineering • Medicine, dentistry • Consumer goods

Product Description

TrueSil Silicone products are high-performance, 3D printed silicone rubber items made from 100% pure silicone, meeting market standards for performance and surface quality. These white translucent materials offer versatility and reliability, suitable for general applications in various industrial and medical uses. True Silicone combines excellent mechanical properties, high resolution, and exceptional surface quality into isotropic parts ideal for end-use in both sectors.

Properties

Young's modulus	1.5 MPa
Tensile strength	8.5 MPa
Elongation at break	350%
Tear strength	15 N/mm
Compression set (24h 80°C)	10%
Rebound resilience	48%
Density	1.099 g/cm ³
Hardness	60A

Reference

We encourage users to verify the data's relevance and suitability for their specific needs.

