

ABSi

Technology: FDM

COLOR OPTIONS: Translucent Natural



APPLICATIONS:

Functional prototypes, lenses for automotive lighting.

DESCRIPTION:

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. The translucent nature of ABSi is beneficial for monitoring material flow and light transmission.

FEATURES:

Strong and durable.

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	37 MPa
Modulus of Elasticity, Youngs Modulus	D638M	1,920 MPa
Elongation Break (%)	D638M	4.4 %
Flexural Strength	D790M	62 MPa
Flexural Modulus	D790M	1,920 MPa
IZOD Impact Strength (notched)	D256A	96.4 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	86 °C