

# ABSi

**TECHNOLOGY: FDM**

**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 Durable.

**Color Options:** Translucent, Translucent Red, Translucent Amber and Translucent Natural

## 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

