



Industrial Grey, ABS-like

Alternative Designations

Accura Xtreme Grey

Key Features

Tough • Resistant to breakage • High impact resistance • Thermal resistance

Description

It is known for its high strength and durability, making it ideal for use in a variety of applications. Xtreme Grey is typically used in injection molding, extrusion, and blow molding applications. It can also be used in 3D printing. This material has excellent toughness and is resistant to breakage. It has tensile strength ranging from 38 – 44 MPa with a heat deflection temperature of 62°C. It is ideal for snap fits used in enclosures for consumer and electronic products.

Mechanical Properties

Tensile modulus	1790 – 1980 MPa
Tensile strength	38 – 44 MPa
Elongation at break	14 – 22%
Flexural strength	52 – 71 MPa
Flexural modulus	1.52 – 2.07 GPa
Hardness (Shore D)	86

Thermal Properties

Heat deflection temperature (1.80 MPa)	54°C
Heat deflection temperature (0.45 MPa)	62°C

Physical Properties

Density	1.19 g/cm ³
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Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit Materialdatacenter.com for further information on this material.