

Xtreme White

Key Features

High resolution • Impact resistance • Stiffness
• Low moisture absorption • Durability

Applications

Prototyping • End-use parts • Durable and challenging assemblies • Electronics • Engineering • Consumer goods

Product Description

Accura Xtreme White 200 is an ultra-tough white plastic ideal for replacing CNC-machined polypropylene and ABS parts. Offering exceptional durability and accuracy, it provides high elongation at break, impact strength, and stiffness comparable to Polypropylene and ABS. This material excels in producing robust parts for demanding environments, including drill/tap applications, with fast build speeds and excellent detail fidelity. Its stunning white finish replicates injection molded parts, making it suitable for various functional assemblies such as snap-fit assemblies and those requiring self-tapping screws

Properties

| | |
|--|------------------------|
| Tensile modulus | 2,300 - 2,630 MPa |
| Tensile strength | 45 - 50 MPa |
| Elongation at break | 7 - 20% |
| Flexural strength | 75 - 79 MPa |
| Flexural modulus | 2,350 - 2,250 MPa |
| Impact strength | 55-66 J/m |
| Heat deflection temperature (0.45 MPa) | 47°C |
| Heat deflection temperature (1.80 MPa) | 42°C |
| Coefficient of thermal expansion (30-50°C) | 95 µm/m-°C |
| Water absorption | 0.38 % |
| Density | 1.18 g/cm ³ |
| Hardness | 78 - 80 D |

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

