

# Data Sheet: Xtreme White 200 Polypropylene

## Details

It has high elongation at break, high impact strength with excellent toughness. It is stiff and durable. Its glass transition temperature is 52°C. It offers a stunning white finish with clean sidewall quality. It is applied in general purpose prototyping and snap fits.

## Key Features

Stiff, durable • High impact strength.

## Thermal Properties

Property	Value
Heat deflection [°C]	47
Glass transition temperature [°C]	52
Coefficient of thermal expansion [K-1 · 10-6]	95

## Mechanical Properties

Property	Value
Tensile strength [MPa]	45
Modulus of elasticity [GPa]	2.3 – 2.63
Flexural strength [MPa]	75
Flexural modulus [GPa]	2.35 – 2.55
Hardness	78
Impact strength [J/m]	55

Elongation at break [%]	7 – 20
-------------------------	--------

## Physical Properties

Property	Value
Density [g/cm <sup>3</sup> ]	1.18
Water Absorption [%]	0.38

## Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit [Materialdatacenter.com](https://www.materialdatacenter.com) for further information on this material.