

PA3200 GF

High-Temperature

Glass-reinforced rigid material.

An off-white, glass-filled nylon, this material is excellent for functional, rigid prototypes.



Benefits

- High-temperature resistant
- Good thermal load ability
- Excellent surface quality

Applications

- Glass reinforced rigid prototypes
- Functional nylon prototypes
- Under bonnet applications
- Form and fit testing
- Complex, intricate designs



Physical Properties

Colour	White
Type	Glass filled Nylon

Mechanical Properties

		TEST/ISO
Hardness	Shore A/D	DIN 53505
Flexural Modulus (MPa)	2,100 ± 150	DIN EN ISO178
Tensile Strength (MPa)	48 ± 3	Din EN ISO527
Tensile Modulus (MPa)	3,200 ± 200	ATSM D638 DIN EN ISO180
Elongation Break (%)	6 ± 3	
Impact Strength (J/m)	35 ± 6	
Density (g/cm ³)	1.18-1.2	N/A

Thermal & Specific Properties

Glass Transition Temperature Tg (°C)	172 - 180	DIN 53736
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