

PA2200

Tough functional prototype material
suitable for snap fits/ living hinges

A white polyamide-12 powder producing strong, rigid parts with good chemical resistance.



Benefits

- **High temperature-resistance** (up to 150°C)
- **Versatile and multi-purpose**
- **Excellent durability**

Applications

- Functional prototype models
- Qualified series production parts.
- Under bonnet applications
- Snap fits/living hinges



Physical Properties

Colour	White
Type	Nylon

Mechanical Properties

		TEST/ISO
Hardness Shore A/D	75D ± 2	DIN 53505
Flexural Modulus (MPa)	1,240 ± 130	DIN EN ISO178
Tensile Strength (MPa)	45 ± 3	Din EN ISO527
Tensile Modulus (MPa)	1,700 ± 260	
Elongation Break (%)	20 ± 5	
Impact Strength (J/m)	32.8 ± 3.4	DIN EN ISO180
Density (g/cm)	0.95	N/A

Thermal & Specific Properties

Melting Point (°C)	172 – 180	DIN 53736
--------------------	------------------	-----------

Call: 028 9070 6940

Email: sales@laserproto.com

Web: www.laserproto.com

[Click here to request a quote](#)

Please be advised that all information provided in this document is representative of typical properties and as advised by the material manufacturer. Performance characteristics of these products may vary according to product application, operating conditions or with end use.

Laser Prototypes Ltd makes no warranties of any type, express or implied, with respect to any of the goods or services supplied. This includes but is not limited to any warranty of fitness for a particular purpose or of properties or of suitability for a specific application. Data are subject to change without notice as part of our continuous development and improvement processes.