

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

### Thermal & Specific Properties

Melting Point (°C)	<b>172 – 180</b>	DIN 53736
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