

PU ABS HT - 200 °C



This vacuum casting polyurethane resin offers high thermal resistance up to 200°C, making it suitable for demanding applications. It is easy to process and paint, ensuring versatility in various manufacturing steps. Additionally, the material provides excellent accuracy in reproduction, delivering precise and reliable results in casting.

MECHANICAL PROPERTIES

Hardness	80 - 81 Shore D @23°C
Tensile strength	59 - 69 MPa
Flexural strength	108 - 128 MPa
Flexural modulus of elasticity	2100 - 2200 MPa
Elongation at break	15 - 16%
Impact strength	34-44 J/m

THERMAL PROPERTIES

Heat deflection temperature	190 - 200 °C
Shrinkage	0.7 - 0.9 %
Maximal casting thickness	5 mm

APPLICATION

Engine covers
Medical equipment
Appliances components