

# PX1000 – SPECIFICATIONS



This material is best suited for large thick-sized parts and has low viscosity and long pot-life. Parts made with this material will have mechanical properties which are close to that of thermoplastics. AT-1 is natural material and can be painted. AT-3 is pigment able so castings can be produced in any color.

## POST-CURED MATERIAL PROPERTIES\*

@23°C

Hardness	78 69 D1
Flexural modulus ISO 178:2001	246564.60 PSI
Flexural strength ISO 178:2001	9717.53 PSI
Tensile strength ISO 527:1993	5511.43 PS1
Elongation at break ISO 527:1993	4%
Impact strength, Charpy ISO 179/2D:1994	12 ft.-lb.-f/in.2
Impact strength, Notched Izod ASTM D-256	2 ft.-lb.-f/in.2
Impact strength, Unnotched Izod ASTM D-256	8 ft.-lb.-f/in.2

## THERMAL AND SPECIFIC PROPERTIES

Glass transition temperature* T.M.A.-Mettler	167°F
Linear shrinkage (1)	0.1%
Maximum casting thickness	0.2 in.

## APPLICATIONS

Commercial product testing  
Functional assembly  
Public surveys  
Field testing  
Visual evaluation  
Aesthetic evaluation

\*Average values obtained on standard specimens/postcure 12hrs @158°F.