

ALTO952/BV



High Performance Mechanical
High Performance Casting

**Platinum
952**

GENERAL INFORMATION

Colour: white - premium

Carats: Platinum 952‰

Advised use: universal (both mechanical works and casting)

CASTING	closed systems	■	open systems	■	pre-set stones			■
MECHANICAL WORKS	stamping	■	chains	■	tube	■	spring	■

Density: 20,30 g/cm³

Hardness (as cast): 110 HV

DIRECTIONS FOR SUGGESTED USE

Melting range (Solidus - Liquidus): 1750 °C

Casting temperature: 100-150 °C over its liquidus temperature to perform lost wax casting.
100-150 °C over its liquidus temperature to cast into ingot-mould.

Cylinders temperature: 850 °C
Ingot-mould temperature: 250-350 °C

Cooling casted objects: in water after 10 minutes
Cooling casted objects (with stones): in water after 30/40 minutes
Cooling of ingots: quick in lukewarm water (about 40 °C).

Annealing: 1000 °C for 20 minutes followed by a quick cooling in hot water (40 °C min).

HINTS

- ❖ Recommended Pandora Alloys platinum solders: PT Soft (soft)

The above directions are only indicative. Strong variations to the above data are possible, depending on personal experience. Please, do not hesitate to contact us for further information.