

ALTO952



High Performance Mechanical
 High Performance Casting

**Platinum
952**

GENERAL INFORMATION

Colour: white - premium
 colour coordinates: $L^*=95.3$ $a^*=0.8$ $b^*=5.9$
 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: 19,70 g/cm³
 Hardness (as cast): 130 HV
 Hardness (after cold work 70%): 215 HV

DIRECTIONS FOR SUGGESTED USE

Melting range (Solidus - Liquidus): 1600 - 1640 °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.