



OB315A

Nickel-free all-purpose master alloy for 585-750‰ (14-18 Kt) white gold

- Standard white color in 750‰ gold
- Soft and easily deformable
- High level of grain refiners

OB315A is a nickel-free, palladium-based master alloy for 585-750‰ (14-18 Kt) white gold jewelry, designed as an all-purpose formulation.

OB315A is suitable for continuous casting and for ingot casting of semi-finished items such as sheet. The alloy can also be used for lost-wax casting in closed systems.

The main processes in which OB315A can be used are stamping, CNC and lathe production.

The color of 585-750‰ gold made using OB315A shows a standard white color grade. Yellow index: 19.4 and 24 respectively. It is recommended to proceed with rhodium plating deposition on surface on both titles, in order to ensure maximum whiteness on the final jewel.

The alloy is not suitable for age-hardening.

Thanks to the high level of grain refiners, this alloy allows maximum ease of handling when doing deformation operations such as setting prongs or sizing rings.

OB315A has a minimum level of deoxidizers; this makes it suitable for casting in closed systems.

OB315A has extremely high shininess and lustrous color after finishing.

Typology	Master alloy for gold		
Production process	Universal		
Suitable for	585 - 750		
Color	Standard white in 585 Standard white in 750		
Best pick for	CNC and lathe production in 750		
Commercial composition	Ag (%) 40	Cu (%) 14	Pd (%) 40 Zn (%) 6
Grain refinement level	High		
Deoxidization level	Minimum		

Related products

NF510 Better whiteness, harder, similar Pd content

NF511 Better whiteness, higher Pd content

LSG406B Soft solder for 750‰ yellow gold

LSG409V Medium solder for 750‰ yellow gold