

Sterilite

Tarnish Resistant Sterling Grain

ABI's family of De-Ox sterling grains are designed to meet the different manufacturing needs of casting properties, tarnish resistance and durability (hardness).

High De-Ox Exceptional cast brightness and metal flow properties,
Alloys Smooth cast surface (tight grain structure)
Casting Medium to high tarnish resistance
250B/250M

Medium De-Ox Medium cast brightness, good metal flow properties,
Alloys Smooth cast surface (tight grain structure)
Casting/Rolling Medium to high tarnish resistance, good hardness
256

Low De-Ox Grey cast surface (no fire scale)
Alloys Fair metal flow properties, forgiving casting properties
Casting High hardness
407

Spring Alloy Grey cast surface (no fire scale)
Casting High hardness
127 Similar casting properties to regular sterling

Sterilite De-Ox blends offer these other benefits:

- Excellent tarnish resistance 3 to 6 times greater than traditional sterling
- Superior surface finish due to tighter grain structure of material
- Reduced polishing time resulting from a smoother cast surface with no fire scale.
- Environmentally friendly – eliminates the need to strip with cyanides.
- Reduced porosity due to higher fluidity during casting.
- Reduced scrap due to the elimination of fire scale during casting.
- Antique applications are achievable with liver of sulfur (tumble polishing recommended prior blackening).

All Sterilite products are available in blended sterling or base metal alloy. The 250 blend is also available in sheet and wire with excellent workability properties.