

OTHER MATERIALS

Technological wonders



nunez handles®



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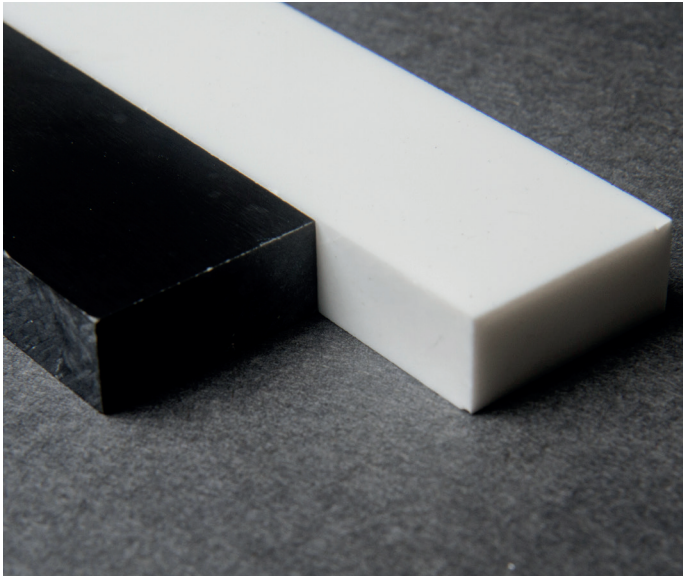
Technological wonders

At NUNEZ HANDLES we are committed to innovation and ongoing technological research in order to produce and offer the most cutting-edge materials to the market.

In this section several of these materials are featured:

KRION®, CARBON FIBRE, COMPOSITE, G10, POM or JUMA®





KRION®

A composite of 66% natural minerals (Alumina Trihydrate (ATH)) and 33% high strength resins.

KRION is visually similar to natural stone and is worked in a similar manner as wood.

It is characterised for being a material which is:

- non-porous
- insulating
- high strength
- resistant to impact, solar radiation and extreme weather conditions
- durability
- low weight
- low thermal conductivity
- low maintenance and easy to clean
- eco-friendly and recyclable



CARBON FIBRE

Elegant and lightweight, it is a polymer obtained from fine strands of carbon.

Generally used for the manufacture of professional and sports knife handles.

- great durability
- high flexibility
- high strength (5 times stronger than steel)
- increased resistance to corrosion, humidity and heat
- very lightweight
- high temperature tolerance
- low thermal expansion



G10

The G-10 is an extremely innovative material, which is manufactured from fibreglass fabric, which is impregnated with epoxy resin and then pressed.

Generally used in high-end knives, having excellent technical features:

- hard
- resistant to heat and humidity
- thermal and electrical insulation
- lightweight
- dimensional stability
- easy handling
- Heat- resistant: over 200°C
- Density: 1.7-1.9 g/cm³



COMPOSITE

Composite is a material composed of natural wood fibres and polymer, which is why its aesthetic appearance is like wood but the polymeric base imbues increased resistance and durability than natural wood.

- Lightweight
- increased resistance to corrosion, humidity and heat
- highly durability material
- non-slip
- Multi-purpose: can be manufactured in various formats and colours
- Stable
- Eco-friendly

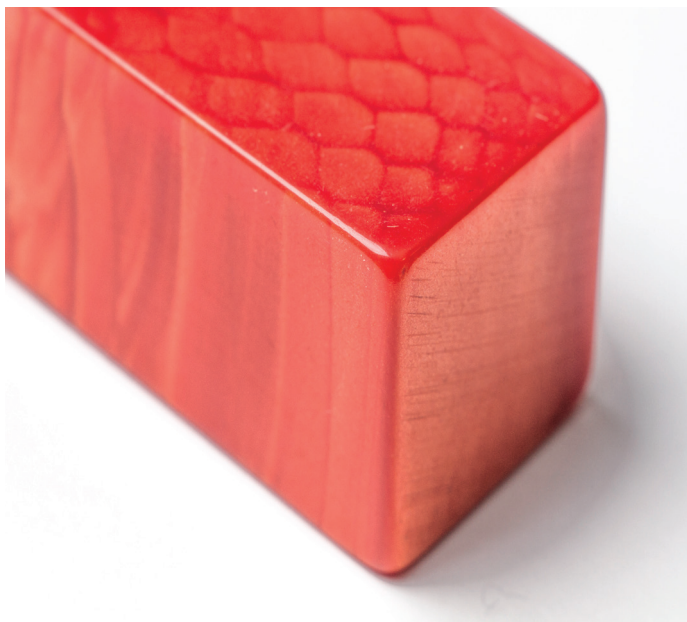


POM

Polyoxymethylene (POM) is also known as polyacetal or acetal, is a thermoplastic, semi-crystalline high hardness and strength material, excellent results in dishwasher use, even industrial and with multiple uses.

From among its properties:

- Undeformable at high temperatures (-40° to 150°C)
- Low wear and tear (breakage and ageing)
- Good elasticity
- reduced water absorption
- Compact and rigid
- Resistant to diluted acids, cleaning products and solvents
- Very good electrical insulation



JUMA®

An extremely innovative material, which is characterised by its extraordinary similarity to natural ivory, which imbues a unique look and feel.

Possessing excellent technical and mechanical properties, this material is manufactured from a composite of various minerals and resin suitable for contact with food.

Available in a wide range of colours and designs.

- Excellent machinability such as drilling, milling, grinding and polishing.
- Reduced risk of breakage and high elasticity
- High quality surface: high surface hardness and low abrasion losses
- Single optics: Excellent similarity with natural ivory, its "lines" and grains.
- Touch: Very pleasant and warm haptic touch thanks to its high natural mineral content.

