

TECHNICAL INFORMATION

SuperClay Hard 8433SHC



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| Composition: | waxes, oil, fillers, pigments |
| Density: | approx. 1,44 g/cm ³ , de-aired |
| Color: | auburn |
| Odor: | neutral |
| Shelf life: | at least 24 months at temperatures from 0°C/32°F to 30°C/86°F |
| Working temperature: | 50°C/122°F - 60°C/140°F |
| Warming time: | ~ 3 hours, depending on type and load of the oven |
| Degree of hardness: | hard |
| Shore hardness A: | 74 (20°C / 68°F) |
| Penetration (hardness): (according to ASTM D937-92) | 20°C/68°F 40°C/104°F 60°C/140°F 15 47 93 (1/10mm) |
| Solubility: | insoluble in water, partially soluble in organic solvents |
| Toxicology: | SuperClay does not contain substances with labelling phrases or skin irritant ingredients. |
| Sales information: | 1 bar = 1,0 kg/2,20 lbs; volume: approx. 0,7 l (profile approx. 6,0 x 5,4 cm; length of bar approx. 22 cm) 20 pcs in carton; 600 pcs on pallet |

The values given are typical test results which should be used as a guide only. They cannot be considered as specifications or guarantees.

Safety instruction:

- Do not heat **SuperClay** over the recommended temperature (60°C / 140°F).
Hazards:
 - Burns to the skin from molten material
 - The material can be ignited at higher temperatures;
the following instructions should therefore be followed:
 - Keep well away from ignition sources
 - Prevent contact with uncovered heating wires/heating coils
 - Keep well away from sparks/open flames
- Do not use any combustible materials when heating the material in the oven.
- Safety data sheets are obtainable on request.

Instructions of use:

- **SuperClay** is continuous elastic and will not harden.
- Heating up to 58°C/136,4°F makes the material soft and elastic.
- To reach the best results we advise to heat up **SuperClay** for 3 hours at 58°C/136,4°F. **SuperClay** should not be heated over 60°C/140°F.
- At room temperature **SuperClay** models stay hard – so do all edges.
- The surface of a cooled down model may be processed and flattened manually or by a clay milling machine.
- As a carrier material we advise wood or styrofoam.
- Carrier material and clay stick together without the use of glue.
The carrier material should have a coarse surface free of dust (we advise to seal foam models with shellac before loading clay).
- **SuperClay** adhesive properties make it possible to load small amounts of clay to repair damaged surfaces. Changing the model is possible without any problems.
- If you want to load larger amounts of clay upon an already cooled down surface, we advise to heat up the model surface. Only this procedure guarantees a durable and stable connection of old and new clay.
- When using a heat-gun do not exceed temperatures above 60°C/140°F.
- The clay can be lacquered with **ClayPeel**.
- Finishing with lacquer-foils and drawing off is possible
- Soiled surfaces can be cleaned with cleaner solvent.