

Product Name

SCULPTING, MOULDING & CASTING WAXES PROFESSIONAL QUALITY WAXES & SPRUES

Optimus 3.0 – Victory Brown Wax

Is a pliable, workable wax that can be easily worked by hand or with sculpting tools. The dark brown colour is advantages, in that it is easier to see detail while sculpting. Both wax and colour are completely uniform throughout. OPTIMUS 3.0 is great for mixing with other bulk waxes for slush moulding or for bronze patterns. In most cases, OPTIMUS 3.0 will soften a blend without appreciably lowering its melting point. OPTIMUS 3.0 is the direct replacement for the traditional Victory Brown Wax, but without the tackiness and better uniformity between batches.

2-AB150 Micro Wax

Is a compounded microcrystalline wax that has been formulated to give the artist a wax that has many of the working qualities of commercially available brown microcrystalline wax. It is slightly harder and considerably less tacky. MICRO WAX will be uniform in both consistency and colour from batch to batch. MICRO WAX is ideal for sculpting applications. It cuts and works easily without being so soft that it will deform. It is not sticky and does not cling to tools and hands while working at room temperature. If the wax is to be used for slush moulding, best results are obtained by pouring with a wax temperature between 93-104°C. When pouring a more layers of wax, do not allow the base wax to become cold. The hot wax must be poured on the base coats right after the wax has set up and is still warm. If the wax becomes cold or the pouring temperature is too low, de-lamination of the wax layers will occur.

2-AB44 Red Moulding Wax

This virgin wax is specifically formulated for use in art bronze casting. The quality of this wax is rigidly controlled so that uniform results should be obtained at all times using the same working conditions. Slightly harder than the 2-AB54 brown wax.

2-AB54 Brown Bronze Art Wax

This brown virgin wax has all the same quality control conditions of 2-AB44 red wax, but with improved release properties, a slightly better surface and faster air release, it is also slightly softer than 2-AB44

Sprue Wax Wires

Ample flexibility and sufficient rigidity make this wax particularly suited for gating and vents in investment casting applications. The sprue wax melts at lower temperatures, permitting pattern waxes to be more easily removed during melt-out and burn-out. This wax burns rapidly and cleanly, eliminating pressure in the pattern.

2-AB330 Sculpt-A-Wax

This wax has all of the working qualities of Classic Clay. It feels and works like a plastilina sculpting clay, but it is totally ash free. It can be autoclaved and fired, leaving no residue. This permits the production of bronze castings without making a rubber mould and casting wax parts. This wax is not tacky, is quite ductile and is very workable.

Physical Properties

	Colour	Firmness	Melting Point °C	Stiffness	Air Release	Reproduction	Fluidity	Setting Time,	Toughness	Workability	Carvability	Tackiness
OPTIMUS 3.0	Brown	Soft	70-80		2	3	4	2	4	4	4	2
2-AB150 MICRO WAX	Brown	Firm	68-73		3	3	4	2	2	3	4	3
2-AB54 MOULDING WAX	Brown	Hard	67-72		4	4	4	3	3	3	1	4
2-AB44 MOUDLING WAX	Red	Hard	67-72		4	4	4	3	3	3	1	4

Air Release/Reproduction/Fluidity

4 = excellent
3 = very good
2 = good
1 = acceptable

Toughness/Workability/Carvability

4 = very good
3 = good
2 = fair
1 = difficult

Setting time

4 = very fast
3 = fast
2 = slow
1 = very slow

Tackiness

4 = not tacky
3 = slight tacky
2 = some tacky

Stiffness

4 = very hard
3 = hard
2 = firm
1 = soft

With a small amount of trialling, the casting and moulding waxes can easily be melted together to form a custom blend, this is typically carried out as many people prefer varying workability properties in their waxes.

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3

Disclaimer

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