

1. CASTING ALLOY 92J – LEAD FREE PEWTER

High grade lead-free alloy, suited for casting of highly-detailed pieces where a bright polished finish is required. Manufactured in accordance with requirement of BS EN611-1:1996 Pewter and Pewterware.

Solidus 240°C Liquidus 255°C Density 7.24g/cc
Pouring temperature 290 – 320°C approx.

2. CASTING ALLOY CT1

High grade tin-rich alloy with addition of small amount of lead which offers improved flow properties over lead free pewter. Very “user friendly” for a 90%+ tin content alloy.

Solidus 185°C Liquidus 230°C Density: 7.44g/cc.
Pouring Temperature: 260 - 310°C approx

3. CASTING ALLOY 90 – MASTER METAL

High grade tin-rich (90%+) alloy with lead content designed for production of masters. Exceptionally good flow characteristics and high definition makes this the ideal choice for high quality master production.

Solidus 185°C Liquidus 210°C Density 7.68g/cc.
Pouring Temperature: 260 - 300°C approx

4. CASTING ALLOY 75

A high grade tin-rich alloy suitable for jewellery industry and model making where a polished “pewter-like” appearance required. Contains lead.

Solidus 185°C Liquidus 270°C Density 7.8g/cc
Pouring Temperature 320 - 370°C approx.

5. CASTING ALLOY 55

Tin-rich, mid-priced alloy, widely used in both model casting and jewellery trades. High fluidity and low casting temperatures make this alloy specially suited for highly detailed reproductions. Suitable for hand casting. Contains Lead

Solidus 183°C Liquidus 185°C Density 8.5g/cc
Pouring temperature 230°C - 280°C approx.

6. CASTING ALLOY 42

A lead-rich alloy ideally suited for large figure casting where smooth hard wearing surface required. Mid-priced alloy offers good flow properties.

Solidus 185°C Liquidus 225°C Density 9.1g/cc
Pouring temperature 260°C - 320°C approx.

7. CASTING ALLOY 37 –

The "Industry Standard" for casting of model figures. Lead-rich casting alloy offering good definition at an affordable price.

Solidus 185°C Liquidus 231°C Density 9.43g/cc
Pouring temperature 260°C - 310°C approx.

8. CASTING ALLOY 34

This lead-based alloy is ideally suited for the thin wall sections of model kits. The addition of Bismuth in the alloy ensures minimal shrinkage of the castings. Particularly good on large flat surfaces. Low malleability.

Solidus 215°C Liquidus 248°C Density 8.9g/cc
Pouring temperature: 295 - 325°C

9. CASTING ALLOY 31

Excellent lead-rich casting alloy. best suited to model figure casting. Offers good fluidity with maximum malleability for "action posing" of figures.

Solidus 183°C Liquidus 242°C. Density 9.59g/cc
Pouring temperature 280°C - 320°C approx

10. CASTING ALLOY 4

Very inexpensive lead-based casting alloy. Offers good fluidity with reasonable melting and casting temperatures. Casting can be brittle and is not suitable for figures with thin sections.

Solidus 239°C Liquidus 240°C Density 10.6g/cc
Pouring temperature 300°C - 350°C approx.

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