

ACRYLIC-LATEX RUBBER

Low viscosity Acrylic/Latex for slushcast build-ups.

Barnes Acrylic Latex Rubber is formulated as a low viscosity hard latex to produce firm rubber products such as doll heads, props, and thin, slightly flexible parts that are slush cast in plaster moulds. Parts can be painted with water/acrylic paints or colored with latex pigments. Acrylic Latex will reproduce detail, but has a slight shrink rate.

Latex Solids (%): 52
Color: Off White
Hardness (Shore A): 70

Fill plaster mould with solution, cover, let stand 1 hour to build thickness of 1/16. Longer soak times will result in a thicker build-up, but heat drying will be required to quicken cure. Heat may be used to accelerate coagulation of the latex mixture (90-115°C).

INSTRUCTIONS:

Slush casting with Acrylic Latex requires a mould made from dry, unsealed plaster like Ultracal 30. After the mould is made, oven dry it at 65°C for several hours (this will give plaster mould the best water absorption ability). Allow mould to cool, then fill mould cavity up with latex--re-seal the container to avoid evaporation of water/ammonia. Acrylic Latex will thicken against mould surface as plaster absorbs water. Allow compound filled mould to sit 1-2 hours, depending on desired thickness, before pouring excess latex material back into container. Latex is then allowed to dry in mould for 24-36 hours at room temperature. Accelerated cure can be achieved by oven drying at 90-115°C for 1 hour. Remove material and repeat process. Moulds may need to be oven dried after a given amount of pieces, which you will notice as parts become thinner.

ACCESSORIES

Latex Pigments – Red, Blue, Yellow, Green, Tan Tone, Ruddy, Flesh, Black, White
Ultracal 30 – for moulds 5kg, 22.5kg

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