

SculptaCast™

Modeling & Sculpture Waxes

Product Type and Description: SculptaClay™ PZ-A 3029J Soft Red

SculptaCast™ SculptaClay is a wax-based sculpting medium developed for modeling, detailing, and creative design. It provides a smooth, workable texture that supports shaping, forming, and surface refinement across a variety of projects.

Unlike traditional water-based clays, SculptaClay is formulated as a wax. This composition allows it to be used in investment casting processes where wax patterns are required. Users should determine suitability for their specific materials, equipment, and production methods.

The material may be softened through hand warming or controlled ambient heat. As it cools, it gradually firms, allowing for further refinement and detail work. Handling characteristics will vary depending on temperature and working conditions.

Key Benefits

- Excellent for hand forming or modelling
- Readily adheres to itself and other waxes
- Designed with casting in mind, offering an ultra-low ash content



Physical Properties

Testing Procedure/Method

Softening Point, Ring and Ball @4°F/min (IPCS 004)
Drop Melt Point @4°F/min (IPCS 005)
Flow Test >50% (IPCS 007)
Needle Penetration 100 g @77°F (IPCS 006)
Apparent Viscosity, Brookfield Thermosel @200°F (IPCS 009)
Ash Content (IPCS 002)

Typical Properties

145°F
166°F
28°C
38dmm
55 cps
<0.015%

Precisioned Ltd has determined test method and provided analysis as noted herein. The levels referenced herein are only for general guidance and do not constitute a firm specification. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user. All potential liability related to the sale and use of this product is limited to the cost of the particular goods sold in their respective transactions.



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Product Data Sheet

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