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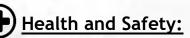
ALL PRODUCTS EXAMINED BY GFC LAB-ITALY

Class B Resin



Product Description:

Class B resine is a pure acrylic resine specifically formulated for applications requiring an exceptional surface finish, high mechanical strength, and superior durability. Designed to minimize surface defects such as waviness and shrinkage, this resine provides a smooth, glossy, and paint-ready finish. It is widely used in industries where aesthetic quality and structural integrity are critical.



- **Precautions:** Wear gloves and eye protection, ensure good ventilation, and avoid skin and inhalation contact.
- **Storage:** Store in a cool, dry place, away from sunlight and children.

Quality & Durability:

- Quality Assurance: Manufactured under strict quality control guidelines to ensure consistency in performance.
- Durability: Designed to withstand environmental conditions.
- Testing & Compliance: Meets industry standards for composite materials in automotive, marine, and industrial applications.

APPLICATION INSTRUCTIONS

Mixing:

Mix the resine and hardener in the ratio specified by the manufacturer (typically 20kg epoxy and 10kg hardener by volume).

Application Method:

Apply the mixed resine by casting

Curing Time:

Allow the epoxy resine to cure according to the manufacturer's instructions. Curing typically takes 24-48 hours at room temperature for full hardness.

Technical Details

- Resin Type: pure acrylic
- Viscosity (cps): 400 800 (Depending on formulation)
- Gel Time (Minutes): 8 15 (at 25°C with 1% MEKP)
- Tensile Strength (MPa): 60 80
- Flexural Strength (MPa): 100 150
- Heat Deflection Temp (°C): 80 110
- Shrinkage (%) < 1.5%
- Hardness (Barcol): 40 50
- Shelf Life: 3 6 months (if stored properly)

- Excellent Surface Finish: Provides a Class B gloss, defect-free surface.
- Low Shrinkage: Reduces warping and deformation during curing.
- Chemical & Weather Resistance: Offers superior resistance to moisture, UV exposure, and various chemicals.
- **Fast Curing Time:** Improves production efficiency while maintaining excellent quality.
- Paintable & Coatable: Easily accepts paint and other coatings for customization.