

En Chuan 6120TWA

Thermoset Polyester

En Chuan Chemical Industries Co., Ltd.

Message:

This resin contains thixotropy, wax and accelerator. 6120TWA is a general purpose resin, suitable for hand lay-up application in producing bathtubs, water tanks, and other similar FRP products.

| General Information | |
|------------------------|---|
| Filler / Reinforcement | Glass fiber reinforced material, 30% filler by weight |
| Features | thixotropic |
| | General |
| Uses | Water tank |
| | Bathroom accessories |

| Hardness | Nominal Value | Test Method |
|------------------------------|---------------|-----------------|
| Barcol Hardness ¹ | 42 | Internal method |

| Mechanical | Nominal Value | Unit | Test Method |
|--------------------------------|---------------|------|-------------|
| Flexural Modulus ² | 8570 | MPa | ASTM D790 |
| Flexural Strength ³ | 206 | MPa | ASTM D790 |

| Additional Information | Nominal Value | Unit |
|--------------------------|---------------|------|
| Thixotropic Index (25°C) | 1.50 - 2.50 | |

Red Accelerator, Co-oct (Co 6%): .5%Hardener, MEKPO (PO content, 55%): 1%

| Uncured Properties | Nominal Value | Unit |
|--------------------|---------------|-------------------|
| Density (25°C) | 1.11 - 1.13 | g/cm ³ |
| Viscosity (25°C) | 0.40 - 0.60 | Pa · s |
| Gel Time (25°C) | 8.0 - 15 | min |

| Cured Properties | Nominal Value | Unit |
|-------------------------------|---------------|------|
| Tensile Strength ⁴ | 124 | MPa |

| NOTE | |
|------|-------------------------|
| 1. | Barcol 934-1 , Unfilled |
| 2. | Filled |
| 3. | Filled |
| 4. | Filled |

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