

ChangFu® BPO24

[3,3-Bis(hydroxymethyl)butoxy]propylbis(trimethylsiloxy)methylsilane



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| Description | ChangFu® BPO24 is a special organosilicon intermediate that combines reactivity and hydrophobicity, which can be well compatible with polyurethane, epoxy, acrylic resin systems, and undergo cross-linking reactions, significantly enhancing the material's weather resistance, water resistance, flexibility, and interfacial adhesion. |
| Features & Benefits | Dihydroxyl reaction activity. Good flexibility and compatibility. Can improve filler dispersibility and enhance substrate adhesion. |
| Applications | Used for the modification of polyurethane materials, producing coatings, elastomers, and high-performance adhesives with high water resistance and good breathability. Used for filler surface treatment, enhancing the dispersion and interfacial compatibility of fillers in organic matrices, and improving the mechanical strength of composite materials. Used in epoxy, acrylic, polyester, and other systems to enhance the hydrophobicity, aging resistance, adhesion, and leveling properties of the materials. |

Typical Properties

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| Description | [3,3-Bis(hydroxymethyl)butoxy]propylbis(trimethylsiloxy)methylsilane |
| Product No. | ChangFu® BPO24 |
| CAS No. | 4262-92-4 |
| Formula | C ₁₆ H ₄₀ O ₅ Si ₃ |
| Active ingredient | min 97% |
| Color | Colorless or light yellow |
| Appearance | Clear liquid |

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| Package | Offered in 25L pails and 200L drums. Custom packaging is available. |
| Storage | Stored in a cool, well-ventilated place. Keep the container tightly closed. |
| Transportation | See the corresponding Safety Data Sheet. |