

ChangFu® F1331

1H,1H,2H,2H-Perfluorooctyltrichlorosilane



Description ChangFu® F1331 is a fluoroalkyl silane compound with excellent properties such as hydrophobicity, oil repellency, and stain resistance. Due to these properties, it has been primarily employed in the surface modification of glass and ceramics.

Features & Benefits Fluoroalkyl silane with excellent hydrophobicity.
Highly reactive chlorosilane.
Excellent surface modification agent.

Applications Used as a coupling agent and a surface modifier for various inorganic substrates such as glass, ceramics, and textiles.
Used as a crosslinker and an intermediate in the preparation of fluoro silicone monomers, fluoro silicone rubbers, and fluoro silicone resins.

Typical Properties

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| Description | 1H,1H,2H,2H-Perfluorooctyltrichlorosilane |
| Product No. | ChangFu® F1331 |
| CAS No. | 78560-45-9 |
| Formula | C ₈ H ₄ Cl ₃ F ₁₃ Si |
| Purity | min 96% |
| Color | Colorless or light pink |
| Appearance | Clear liquid |

Package Offered in 25L PE pails and 200L PVF steel drums.
Custom packaging is available.

Storage Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation See the corresponding Safety Data Sheet.