

## ChangFu® PH38

Phenyltris(dimethylsiloxy)silane



**Description** ChangFu® PH38 is a MT siloxane oligomer with small molecular weight. MT siloxane oligomers refer to a series of hydrolytic condensation products of monofunctionalsilane(M) and trifunctionalsilane(T). Typically, MT siloxane oligomers have high refractive indexes and can improve the light transmittance of the finished polymers.

**Features & Benefits** Reactive low molecular weight siloxane.  
Excellent crosslinking agent.  
High refractive index.

**Applications** Used as a crosslinking agent in the preparation of addition-cure liquid silicone rubber with minimal permanent compression deformation and no need for secondary vulcanization.  
Used to improve transmittance of polymer-based electronic packaging materials.  
Used to produce Pt-vinyl siloxane complex(Karstedt' s catalyst) with long-term preservation stability and good high-temperature vulcanization activity.

### Typical Properties

Description	Phenyltris(dimethylsiloxy)silane
Product No.	ChangFu® PH38
CAS No.	18027-45-7
Formula	C <sub>12</sub> H <sub>26</sub> O <sub>3</sub> Si <sub>4</sub>
Purity	min 97%
Color	Colorless or light yellow
Appearance	Clear liquid

**Package** Offered in 25L pails and 200L drums.  
Custom packaging is available.

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

**Transportation** See the corresponding Safety Data Sheet.