



HARWICK

STANDARD

ISO 9001-2015 REGISTERED

Technical Data Sheet

Standard One™ HS-151 Silane

Standard One HS-151 Silane, (vinyltriethoxysilane), is a vinyl-functional silane that may be used to improve the bond between glass fiber or mineral fillers and resins that are reactive towards the vinyl group. It is also employed to functionalize resins via free radical mechanisms - copolymerization or grafting - and to modify surfaces.

Features and Benefits

- Coupling agent in filled polymer systems which cure via a free radical mechanism
- Finish for glass or a binder additive in glass-reinforced polyester resins
- Integral additive in mineral-filled polyester or DAP resin compounds
- Additive to mineral-filled elastomers which are peroxide vulcanized

Suitable For Use in Polymer Systems Such As:

- Styrene Butadiene
- Polyester
- Polyolefin
- Silicone

TYPICAL PROPERTIES

Chemical Nature	Vinyltriethoxysilane
Appearance	Colorless, transparent liquid
Purity, %	98 Minimum
Density @ 20°C	0.91
Boiling Point, °C/mmHg	160
Flash Point, °C	44
Refractive Index	1.39

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