



## Technical Data Sheet

### XIAMETER™ OFX-5084 Fluid

#### Features & Benefits

- Reactive siloxane for hydrosilylation
- Active content 100%
- Processing aid for EPDM/PP to give lower viscosity and smooth surface
- Hydrosilylation reaction can be used to modify various materials, e.g.:
  - vinyl functional polyether's
  - polyisobutylene
  - allyl terminated materials, e.g. polyesters

#### Composition

- Silicon hydride functional alkyl silicone fluid

#### Applications

- Crosslinker for EPDM rubber
- Processing aid for EPDM/PP to give lower viscosity and smooth surface
- Provide water repellency for inorganic surfaces

#### Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Value
Appearance		Clear liquid free from extraneous matter
SiH	%	0.8
Flash point	°C	> 100
Viscosity, glass capillary 25°C	cSt	9-30

#### Description

XIAMETER™ OFX-5084 Fluid is a reactive polysiloxane fluid, containing Si-H and alkyl groups. The Si-H group can be utilized for hydrosilylation. The hydrosilylation reaction helps to crosslink EPDM matrix, and the alkyl group ensure higher crosslinking level of EPDM matrix.

#### How To Use

XIAMETER OFX-5084 Fluid is used for material modification through hydrosilylation reaction. Hydrosilylation reaction can be used to modify e.g. EPDM rubber or more generally unsaturated polymers. The reaction is typically performed at elevated temperature with catalyst. Any known catalyst for hydrosilylation may be used, e.g. platinum containing catalyst.

