

## OH POLYMER BR-107

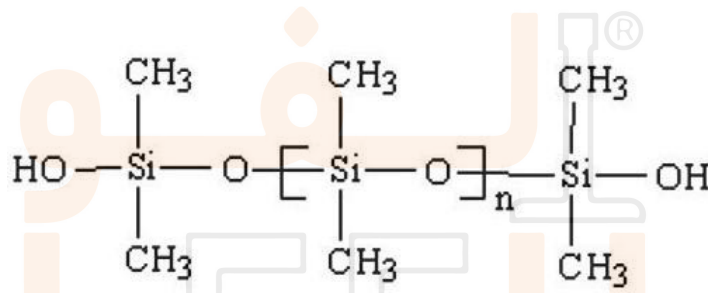
### Description

**Name:** OH Polymer; Silanol Terminated Polydimethylsiloxane

**CAS NO:** 70131-67-8

**Molecular Formula:** HO-Si(CH<sub>3</sub>)<sub>2</sub> O[Si(CH<sub>3</sub>)<sub>2</sub>O]<sub>n</sub>Si(CH<sub>3</sub>)<sub>2</sub>-OH

**Chemical structure:**



### Technical Index

Item	107-80000	107-50000	107-20000	107-5000	107-2000
<b>Appearance</b>	Colorless transparent liquid				
<b>Viscosity (25°C), cst</b>	80000 ±10%	50000 ±10%	20000 ±10%	5000 ±10%	2000 ±10%
<b>Volatile (150°C, 3h), %</b>	≤1.50%	≤1.50%	≤1.50%	≤1.50%	≤1.50%
<b>Curing time, h</b>	<2.0	<2.0	<2.0	<2.0	<2.0

\* Viscosity was measured by rotor viscometer.

### Application

OH polymer BR-107 can be used in variety of applications, including:

<b>Paper coating</b> <ul style="list-style-type: none"><li>• Provide good anti-sticking capacity after curing</li><li>• Can be used for label, packing tap baling paper, release base and etc.</li></ul>	<b>Insulation potting</b> <ul style="list-style-type: none"><li>• For electric and electronic components</li></ul>
<b>RTV silicone rubber</b> <ul style="list-style-type: none"><li>• Raw material for condensation type of RTV rubber</li></ul>	<b>Adhesive &amp; Sealant</b> <ul style="list-style-type: none"><li>• As the raw material</li></ul>
<b>Others</b> <p>Be used as dimethylsilicone fluid, and have better emulsify capacity.</p>	

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**Packing**

200kg Iron drum, 950kg IBC drums or 1000kg IBC drums

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**Storage**

Transport as non-hazardous chemicals. Store in original container only.

Keep container tightly closed and store in a cool, well ventilated place.

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**Shelf life**

Original characteristics remain intact for 1 years, if kept in recommended storage.

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