

STARSIL[®] 620V50V-V400V

概述

STARSIL[®] 620V50V-V400V 是中等分子量直链氢基封端聚二甲基硅氧烷。特别设计作为反应性中间体使用。

用途

STARSIL[®] 620V50V-V400V 可以用于:

- 各种端基反应性线性改性硅油;
- 嵌段共聚反应的关键中间体, 用于端环氧硅油的生产;
- 加成型液体硅橡胶的扩链剂, 加成型热硫化硅橡胶的交联剂, 提高产品的断裂伸长率, 增加韧性, 降低硬度;
- 有机聚合物改性材料的起始原料, 常用于塑料树脂等的改性反应;
- 作为粉体或者物体表面的憎水防潮助剂;
- 用作天然及合成纤维织物, 丝绸、皮革等的防水剂和柔软剂等。

优点

STARSIL[®] 620V50V-V400V 具有下列性能:

- 非常好的粘度稳定性;
- 含氢量稳定;
- 反应活性高;
- 基本无嗅;
- 无毒, 无刺激性。

特性

性能	STARSIL [®] 620				
	V50V	V100V	V150V	V300V	V400V
外观	无机机械杂质液体				
粘度 25°C, mm ² /s, 约	50	105	150	290	340
含氢量, % (以 Si-H 计), 约	1.70	0.9	0.71	0.53	0.46
挥发分, %, 1g, 105°C, 1h	≤12				

包装

STARSIL[®] 620V50V-V400V 以聚乙烯塑料桶装, 净重 190kg。

储存与保存期限

储存于阴凉、通风仓库内, 远离火种、热源。仓库内的照明、通风等设施应采用防爆类型产品, 在-20°C到+50°C条件下保存在原装密闭容器中, STARSIL[®] 620V50V-V400V 的标准有效期是从生产日期起 12 个月(失效日期)。包装要求密封, 应与氧化剂、酸类、碱类、食用化工原料分开存放。请参考包装上的储存建议和失效日期。搬运时轻装轻卸, 防止包装及容器损坏。超过这个日期后, 蓝星有机硅将不再保证产品符合销售的指标。

安全

请参考 STARSIL[®] 620V50V-V400V 的安全数据表 (MSDS)。

请访问我们的网站: www.lxxh.chemchina.com

联系方式:

地址: 中国·江西·永修·星火工业园 邮编: 330319
电话: +86-792-3171301 传真: +86-792-3171243
邮箱: xhcyxgs@bluestar.chemchina.com

请访问我们的网站 www.bluestarsilicones.com

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欧洲

Bluestar Silicones France
21 Avenue Georges Pompidou
F69486 Lyon Cedex 03
FRANCE
Tel. (33) 4 72 13 19 00
Fax (33) 4 72 13 19 88

北美

Bluestar Silicones USA,
Two Tower Center Boulevard
Suite 1601
East Brunswick, NJ 08816-1100
United Stars
Tel. (1) 733 227 2060
Fax (1) 732 249 7000

南美

Bluestar Silicones Brazil Ltda.
Av. Maria Coelho Aguiar, 215
Bloco G - 1º Andar
05804-902 – Sao Paulo - SP -
Brasil
Tel. (55)-11-37477887

亚太

Bluestar Silicones Hong Kong
Trading Co., Ltd.
29/F, 88 Hing Fat Street
Causeway Bay - Hong Kong
Tel. (852) 3106 8200
Fax (852) 2979 0241

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STARSIL[®] 620V50V-V400V

Description STARSIL[®] 620V50V-V400V is medium viscosity α , ω -hydrogen-terminated dimethylpolysiloxane fluid. Used as intermediate of organo-modified silicone products.

Applications STARSIL[®] 620V50V-V400V are used as:

- Intermediate in the synthesis of linear terminated organo-modified silicone products for a large variety of applications;
- Key intermediate for epoxy terminal silicone and (AB)_n form silicone fluid,
- As a chain extender or Cross linker used in additional liquid silicone rubber to improve the elongation at break of products, increase its toughness and hardness decreased.
- Raw material of organic poly-modified material, such as plastic resin used in the modification reaction,
- Moisture or water-repellent additives for powder of surface of the object,
- Waterproofing agent and softener for natural and synthetic fabrics, silk, leather and etc.

Special properties STARSIL[®] 620V50V-V400V have the following characteristics:

- Excellent viscosity stability,
- Excellent SiH content stability,
- High SiH addition reaction,
- None to slightly odorless,
- Non-toxic, non-irritating.

Properties	620				
	V50V	V100V	V150V	V300V	V400V
Appearance	No mechanical impurity liquids				
Viscosity (at 25°C, mm ² /s, approx.)	50	105	150	290	340
SiH content (% , approx.)	1.70	0.9	0.71	0.53	0.46
Volatiles (% , 1g, 105°C, 1h)	≤12				

Packaging STARSIL[®] 620V50V-V400V is supplied with net weight 190kg/drum.

Storage and shelf life When stored in its original unopened packaging at a temperature of between -20°C and +50 °C and cool, ventilated warehouse, away from fire and heat. Warehouse lighting, ventilation and other facilities should be explosion-proof type of product. STARSIL[®] 620V50V-V400V may be stored for up to 12 months from its date of manufacture (expiry date). Required sealed packaging and with oxidants, acids, bases, food chemicals stored separately. Handle with care to prevent discharge damage to packaging and containers.

Comply with the storage instructions and expiry date marked on the packaging.
Past this date, Bluestar Silicones no longer guarantees that the product meets the sales specifications.


Safety Consult the Safety Data Sheet of STARSIL[®] 620V50V-V400V.

Visit our website: www.lxxh.chemchina.com


Contact:

Address: Xinghuo Industrial Park, Yongxiu, Jiangxi, P. R. China Post code: 330319
Tel.: +86-792-3171301 Fax: +86-792-3171243
Email: xhcyxgs@bluestar.chemchina.com


Or visit our website www.bluestarsilicones.com

 **EUROPE**


Bluestar Silicones France
21 Avenue Georges
Pompidou
F69486 Lyon Cedex 03
FRANCE
Tel. (33) 4 72 13 19 00
Fax (33) 4 72 13 19 88

 **NORTH AMERICA**

Bluestar Silicones USA
2 Tower Center
Boulevard
Suite 1601
East Brunswick, NJ
08816-1100
United States
Tel. (1) 732 227-2060
Fax. (1) 732 249-7000

 **LATIN AMERICA**

Bluestar Silicones
Brazil Ltda.
Av. Maria Coelho
Aguiar, 215
Bloco G - 1^o andar
05804-902-Sao Paulo -
SP- Brazil
Tel. (55) 11 37477887

 **ASIA PACIFIC**

Bluestar Silicones Hong
Kong
Trading Co. Ltd
29th Floor, 88 Hing Fat
Street
Causeway Bay
Hong Kong
Tel. (852) 3106 8200
Fax (852) 2979 0241

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