Polymer Systems Technology Limited

UK & Ireland Distributor

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Creative Partners in a Material World

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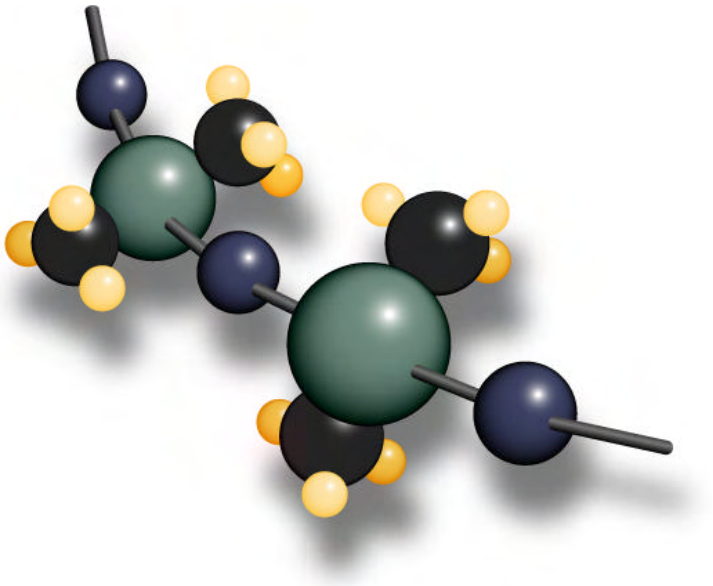

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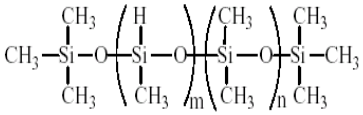
An ISO 9001 Certified Company

XL-103

Crosslinker, Low Functionality

Product Profile

Description



- A methylhydrosiloxane dimethylsiloxane co-polymer crosslinker

Applications

- For crosslinking silicone polymer systems to form adhesives, sealant, rubbers and gels due to its reactive nature

Typical Properties	Result	Metric Conv.	ASTM	NT-TM
Appearance	Translucent	-	D2090	002
Specific Gravity	0.97	-	D792	003
Viscosity	100-250 cSt	200-300 mPas	D445	025
Refractive Index	1.40	-	D1747, D1218	018
Degree of Polymerization	100 units	-	-	-
Si-H Mole %*	4	-	-	-

*Theoretical calculation

Warnings About Product Safety

NuSil Technology believes that the information and data contained herein are accurate and reliable. However, the user is responsible to determine the material's suitability and safety of use. NuSil Technology cannot know each application's specific requirements and hereby notifies the user that it has not tested or determined this material's suitability or safety for use in any application. The user is responsible to adequately test and determine the safety and suitability for their application and NuSil Technology makes no warranty concerning fitness for any use or purpose. NuSil Technology has completed no testing to establish safety of use in any medical application.

Packaging

100 Gram
1 Pint (455 g)
1 Gallon (3.64 kg)

Warranty

6 Months

NuSil Technology has tested this material only to determine if the product meets the applicable specifications. (Please contact NuSil Technology for assistance and recommendations when establishing specifications.) When considering the use of NuSil Technology products in a particular application, review the latest Material Safety Data Sheet and contact NuSil Technology with any questions about product safety information.

Do not use any chemical in a food, drug, cosmetic, or medical application or process until having determined the safety and legality of the use. The user is responsible to meet the requirements of the U.S. Food and Drug Administration (FDA) and any other regulatory agencies. Before handling any other materials mentioned in the text, obtain available product safety information and take the necessary steps to ensure safety of use.

Specifications

Do not use the typical properties shown in this technical profile as a basis for preparing specifications. Please contact NuSil Technology for assistance and recommendations in establishing particular specifications.

Patent Warning

NuSil Technology disclaims any expressed or implied warranty against the infringement of any patent. NuSil Technology does not warrant the use or sale of the products described herein will not infringe the claims of any United States' or other country's patents covering the product itself, its use in combination with other products or its use in the operation of any process.

Warranty Information

NuSil Technology's warranty period is 6 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology specifically disclaims any other expressed or implied warranty, including warranties of merchantability and fitness for use. The exclusive remedy and NuSil Technology's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. NuSil Technology expressly disclaims any liability for incidental or consequential damages.