

# Polymer Systems Technology Limited

UK & Ireland Distributor



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# PCM-7905

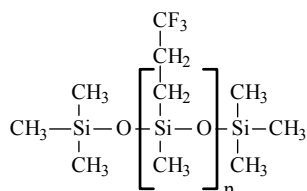
INCI Designation: Trifluoropropylmethyl Dimethicone

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An ISO 9001 Certified Company

## Product Profile

### Description



- 100 mol% Trifluoropropylmethyl Dimethicone
- PCM-7905 is available at 350, 1,000, and 12,500 cP

### Applications

- May be considered for use in Hair Care formulations to add silkiness, lubricity, and detangling

Typical Properties	Result	Metric Conv.	ASTM	NT-TM
Appearance	Translucent	-	D2090	002
Physical State	Liquid	-	D2090	002
PCM-7905 @ 350 cP, Viscosity	324 – 376 cP	324 – 376 mPas	D1084, D2196	001
PCM-7905 @ 1,000 cP, Viscosity	925 – 1,075 cP	925 – 1,075 mPas	D1084, D2196	001
PCM-7905 @ 12,500 cP, Viscosity	11,563 – 13,437 cP	11,563 – 13,437 mPas	D1084, D2196	001
Volatility	0.2%	-	D792	004
Refractive Index	1.38	-	D1747, D1218	018
PCM-7905 @ 350 cP, Specific Gravity (Hydrometer)	1.25	-	D1298	097
PCM-7905 @ 1,000 cP, Specific Gravity (Hydrometer)	1.27	-	D1298	097

### Warnings About Product Safety

NuSil Technology believes the information and the 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.

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.

#### Packaging

2 Ounce (57 g)  
1 Pint (455 g)  
1 Gallon (3.64 kg)  
5 Gallon (18.2 kg)

#### Warranty

12 Months

## **Biocompatibility/Skin Sensitivity**

Please contact NuSil Technology regarding current data for this product.

## **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 12 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.