



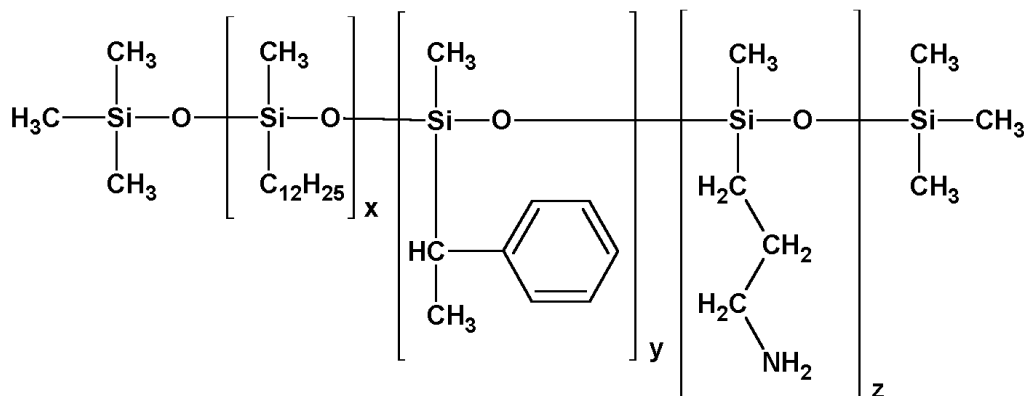
Product Information

GP-7100 SILICONE FLUID

Genesee Polymers' *GP-7100 SILICONE FLUID* is an amine-alkyl modified methylalkylaryl silicone polymer designed to provide good release of plastic, metal and rubber parts. The amine groups of GP-7100 help promote ionic attachment of the fluid to mold substrates, and therefore provide better release performance than is obtainable with conventional 'paintable' silicone fluids.

The amine functionality of *GP-7100 SILICONE FLUID* also suggests reactions with organic groups to produce silicone-organic composites.

The structure of *GP-7100 SILICONE FLUID* is as follows:



INNOVATIVE POLYMER TECHNOLOGY

| TYPICAL PROPERTIES | |
|-------------------------------|---|
| Appearance | Clear, Light Straw Liquid |
| Viscosity | 1250 cP |
| Flash Point (P.M.C.C.) | >200° F |
| Refractive Index | 1.5026 |
| Weight/Gallon | 8.0 lbs. |
| Molecular Weight | 7,800 (Theory) |
| Specific Gravity | 1.0 |
| Solubility | Aliphatic Hydrocarbons, Chlorinated Solvents |

| APPLICATIONS |
|---|
| <p>Internal Lubricant in Rubber</p> <p>Molding Hoses on Mandrels</p> <p>Internal Release Agent in Rubber, Plastics and Plasticsols</p> <p>Intermediate in Silicone - Organic Copolymer Synthesis</p> <p>Foundry Release Agents</p> |

| SPECIAL FEATURES |
|---|
| <p>Ease of Cleaning</p> <p>Amine Alkyl Functional</p> <p>Superior Release Performance in Plastic and Rubber Molding</p> <p>Good Lubricant for Metal Cutting and Drilling, Particularly Aluminum</p> |



PROCESSING AND SAFETY GUIDELINES

Genesee Polymers' *GP-7100 SILICONE FLUID* has been formulated to provide good compatibility with organic coatings and adhesives. Nonetheless, surfaces contaminated with *GP-7100* should be cleaned properly, before painting or bonding - as is true even with conventional petroleum oil contaminants.

GP-7100 SILICONE FLUID should be handled with the same precautions common to the use of industrial products. May cause eye and skin irritation. For additional precautions, refer to Safety Data Sheet.

PACKAGING/HANDLING/STORAGE

GP-7100 SILICONE FLUID is supplied in 5-gallon (40 lbs.) pails, 55-gallon (440 lbs.) drums and 330-gallon (2640 lbs.) totes.



www.gpcsilicones.com

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