Technical Information

Description

Fluoroguard ™SG from Chemours is a colorless, odorless, nonflammable, and chemically inert polymer compounding additive based on fluorinated synthetic oil (perfluoropolyether). Fluoroguard ™SG meets the USP Plastics Class VI requirements for polymer additives (NAMSA tested). It has excellent color and UV/thermal stability. Added to plastics and elastomers, Fluoroguard ™ improves the processing and performance of products. The major benefits are improved processibility, wear/abrasion resistance, lubricity, mar/scratch resistance, and surface quality. Fluoroguard ™SG internally lubricates parts, offering excellent lubricity while not affecting chemical properties. Fluoroguard ™SG is approved by NSF as an H-1 incidental contact food lubricant.

Typical Properties of Fluoroguard™ SG

Properties	Units/Conditions	Typical Values
Average Molecular Weight	—	4950
Viscosity	cSt at 50 °C (122 °F)	107
Volatility	22 hr at 121 °C (250 °F)	<1.0%
Density	g/mL at 23 °C (74 °F)	1.9
Surface Tension	dyn/cm at 26 °C (79 °F)	18
Refractive Index	nD25	1.3
Pour Point	°C (°F)	–36 (–33)
Appearance	—	Clear liquid

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For more information, visit www.fluoroguard.com

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Replaces: H-79793-3 C-10688 (2/16)

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