

Fluoroguard™ PCA

Polymer Additive

Technical Information

Description

Fluoroguard™ PCA from Chemours is a colorless, odorless, nonflammable, and chemically inert polymer compounding additive based on fluorinated synthetic oil (perfluoropolyether). It has excellent color and UV/thermal stability. Added to plastics and elastomers, it improves the processing and performance of products. The major

benefits are improved processibility, throughput, wear/abrasion resistance, flex fatigue resistance, mar/scratch resistance, and squeak/noise reduction. Fluoroguard™ PCA internally lubricates parts, offering excellent lubricity while not affecting chemical properties, and allows moving parts to turn easier and last longer.

Typical Properties of Fluoroguard™ PCA

Properties	Units/Conditions	Typical Values
Average Molecular Weight	—	4800
Viscosity	cSt at 50 °C (122 °F)	101
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-79784-1 C-10687 (2/16)

