



Fluoroguard[®] PCA

polymer additive

Fluoroguard[®] PCA 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

This information is not intended to provide guidance in selecting the appropriate product for your application. To ensure the best product for your application please contact our Technical Service Department at 1-800-992-2424 (in Canada please call 1-800-323-4621).

www.miller-stephenson.com

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