

POLYSERSE™

POLYSERSE™ is a linear hydrocarbon produced by the Fischer-Tropsch process. **POLYSERSE™** has a unique spherical morphology and narrow distribution of particles for ease of dispersion and uniformity during processing. **POLYSERSE™** exhibits low surface tension, exceptional surface slip and smoothness, rub resistance, gloss, and non-marking properties. Addition levels range from 0.5-3%, depending upon application requirements.

Applications

Flexographic and gravure ink, heatset and sheetfed ink, UV, metal decorating inks and OPV, coil, can, wood coatings, and industrial finishes and latex paints.

- ▲ **Uniform, spherical particles for improved gloss**
- ▲ **Low surface tension - enhanced slip**
- ▲ **Cost effective, high performance alternative to polyethylene**
- ▲ **Exceptional rub resistance and non-marking properties**
- ▲ **Easy to disperse**

Typical properties

Property	Value	Unit	Test Method
Grind (20 % in oil)	N-4	-	NPIRI Gage units, BAX-QC-201
Congeaing Point	205 - 220	°F	ASTM D938
Average Particle Size	6	microns	Malvern Analyzer
Specific Gravity	0.94	g/cc	

Updated May 16, 2025 by AH

Packaging

POLYSERSE™ is shipped in 125 lb fiber drums.

Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 24 months. The product should be stored at temperatures ideally between 10 and 30°C (50-86°F). The packaging should be kept tightly closed and stored in dry conditions.

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