

Polyfluo® 900

A unique ceramic fortified composite of low density polyethylene and PTFE for maximum abrasion and burnish resistance, surface durability and antiblocking

Features and Benefits

- High performance product for maximizing surface abrasion resistance (Taber) and film toughness
- Fortified with hard, inert, semi-transparent spherical ceramic for maximum abrasion resistance
- Low density polyethylene provides superior surface toughness, durability and mar resistance
- PTFE enhances abrasion resistance, antiblocking and film hardness
- Easy to disperse fine powder that can be incorporated with high speed mixing
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

Ceramic modified polyethylene/PTFE

Recommended Addition Levels

0.5-3.0% (on total formula weight)

Systems and Applications

Water based, solvent based and energy curable coatings and inks. Industrial coatings (including plastic, metal and masonry); architectural wall and trim paints; stains, sealers and varnishes; wood coatings; printing inks and OPV's (including flexo and gravure); powder coatings; coil coatings; rubber additives; floor coatings.

Typical Properties*

	<u>Polyfluo 900</u>
Melting Point ° C	121 - 132
Density @ 25 ° C (g/cc)	1.02
NPIRI Grind	4.0 - 6.0
Maximum Particle Size (µm)	31.00
Mean Particle Size (µm)	9.0 - 12.0

PTFE (PFAS) free alternatives: PolyTuf 1229, MPP-123

Apr-25