



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

This product is also available as a water based wax dispersion - Microspersion 900-50

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