Micro Powders

Polyfluo® 190

A unique, high performance composite of low density polyethylene and PTFE for maximum abrasion and burnish resistance with superior surface durability

Features and Benefits

- High performance product for improving surface abrasion resistance and film toughness
- Synergistic wax combination that enhances PTFE mobility to the coating surface
- Low density polyethylene provides superior surface toughness, durability and mar resistance
- PTFE dramatically enhances abrasion resistance, antiblocking and film hardness
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

Polyethylene/PTFE

Recommended Addition Levels

0.5-3.0% (on total formula weight)

Systems and Applications

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

Typical Properties*

	Polyfluo 190	Polyfluo 190S
Melting Point ° C	108 - 112	108 - 112
Density @ 25 ° C (g/cc)	0.98	0.98
NPIRI Grind	4.0 - 6.0	3.0 - 4.0
Maximum Particle Size (µm)	31.00	31.00
Mean Particle Size (µm)	9.0 - 12.0	6.5 - 8.5

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

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