



Polyfluo[®] 523XF

A unique extra fine, high performance composite of polyethylene and PTFE for superior surface lubricity with scratch and abrasion resistance

Features and Benefits

- High performance product for adding slip, scratch and abrasion resistance
- Synergistic wax combination that enhances PTFE mobility to the coating surface
- PTFE dramatically enhances abrasion resistance
- High density polyethylene provides improved surface slip
- Extra fine particle size provides excellent gloss retention and film clarity
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

Polyethylene/PTFE

Recommended Addition Levels

0.5-1.5% (on total formula weight)

Systems and Applications

Water based, solvent based and energy curable coatings and inks. Industrial coatings (including plastic and metal); stains, sealers and varnishes; wood coatings; printing inks and OPV's (including flexo and gravure); powder coatings; interior and exterior can and container coatings; coil coatings; rubber additives.

Typical Properties*

| | <u>Polyfluo 523XF</u> |
|-----------------------------------|-----------------------|
| Melting Point °C | 113 - 117 |
| Density @ 25 °C (g/cc) | 1.10 |
| NPIRI Grind | 1.0 - 2.0 |
| Maximum Particle Size (µm) | 15.56 |
| Mean Particle Size (µm) | 3.5 - 5.5 |

This product is also available as a water based wax dispersion - Microspersion 523

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