

Polyfluo® 540

A wax/ PTFE combination for surface lubricity with scratch and abrasion resistance

Features and Benefits

- High performance product for adding slip and abrasion resistance
- Synergistic wax combination that enhances PTFE mobility to the coating surface
- PTFE dramatically enhances abrasion resistance
- Wax component provides improved surface slip
- Easy to disperse fine powder that can be incorporated with high speed mixing
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

Wax modified 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 and metal); 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 540</u>	<u>Polyfluo 540XF</u>
Melting Point ° C	108 - 115	108 - 115
Density @ 25 ° C (g/cc)	1.05	1.05
NPIRI Grind	1.0 - 2.0	1.0 - 1.5
Maximum Particle Size (µm)	22.00	11.00
Mean Particle Size (µm)	5.0 - 6.0	3.0 - 5.0

PTFE (PFAS) free alternatives: MP-28AL, Superslip 6515, MPP-620XXF, PolyGlide 1226XF

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