Micro Powders

TECHNICAL DATA

Polyblend Series

Unique blends of polyethylene and PTFE that provide scratch and abrasion resistance with surface lubricity and antiblocking

Features and Benefits

- High density polyethylene provides excellent abrasion resistance and surface hardness
- PTFE adds slip, lubricity and antiblocking
- Good heat and solvent resistance
- Easy to disperse fine powder that can be incorporated with high speed mixing
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

Polyethylene/PTFE

Recommended Addition Levels

1.0-3.0% (on total formula weight)

Systems and Applications

Water based, solvent based and energy curable coatings and inks. Industrial coatings (including plastic and metal); printing inks and OPV's (including flexo and gravure); coil coatings.

Typical Properties*

	Polyblend 100XF	Polyblend 200
Melting Point ° C	110 - 116	123 - 125
Density @ 25 ° C (g/cc)	0.99	1.00
NPIRI Grind	1.0 - 2.0	4.0 - 5.0
Maximum Particle Size (µm)	22.00	31.00
Mean Particle Size (µm)	5.0 - 6.0	8.0 - 10.0

PTFE (PFAS) free alternatives: MPP-611XF, MPP-611AL, MPP-635F, Superslip 6530

Apr-25

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