



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*

| | <u>Polyblend 100XF</u> | <u>Polyblend 200</u> |
|-----------------------------------|------------------------|----------------------|
| 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 |

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