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MOPOLY

High Density Oxidized Polyethylene
Technical Bulletin

GENERAL PROPERTIES

Case # 68441-17-8

| | |
|-----------------|-------------------|
| Appearance- | White Powder |
| Physical State- | Solid |
| Density- | .96 -.98 |
| Melt Point- | 135° - 142° C |
| Flash Point- | >490° F (>255° C) |
| Acid Number- | 16 - 30 |

PRINCIPAL ADVANTAGES

1. Mopoly is an excellent additive for improvement of abrasion resistance in a wide variety of formulated coating materials.
2. Mopoly can be added to a variety of coating formulations to prevent adhesion of parts.
3. Mopoly can be used in hot melts, aqueous emulsions, and solution/solvent dispersions.
4. Mopoly is compatible with many polymers, resins, and natural and synthetic waxes.
5. Mopoly tends to retain more hardness at higher temperatures than all low and medium density waxes and paraffin waxes. The hardness value is <.5 dmm at 25°C.
6. Mopoly can be added to formulated or compounded materials to improve surface lubricity, slip and release properties.

RECOMMENDED APPLICATION

Emulsifiable polyethylene for textile, paper and other coatings.