

TECHNICAL INFORMATION

WESTCO PE-130 PRILL

Polyethylene Wax

Description:

Water white prill, low molecular weight, low viscosity, moderate range melt point polyethylene wax for use in numerous applications such as printing ink, thermoplastics, and antisticking and flow control agents in many elastomers.

Specifications:

Congealing Point	217 – 228 Deg. F
Drop Melt Point	237 – 246 Deg. F
Specific Gravity	.93 - .95
Appearance	Fine white prills
Viscosity @300^o F	20-40 cps.
Flash Point	>440 Deg. F
Penetration @ 25^o C	1-4 (ASTM D-1321)
Molecular Weight	900-1200

Uses:

Printing Inks: Moderate melt, low viscosity, excellent scuff, rub resistance and pigment dispersion. It also adds particle size uniformity and a linear molecular, crystalline structure to assist in flow modification and surface hardness in inks.

Natural and Synthetic Rubber: It is a very effective process and antiblocking agent for rubber compounds.

Hot Melt Adhesives: This product is used for high temperature resistance and viscosity modification.

Thermoplastic Molding: It functions as an excellent internal and external lubricant for PVC, Polyolefins, and thermoplastic elastomers.

Pigment dispersant in Thermoplastic Color Concentrates: Provides excellent pigment uniformity in thermoplastic applications by acting as a colorless dispersing aid. Its saturated molecular structure assists in providing color consistency.

Benefits:

Assists as antiscuff agent in printing inks by promoting surface hardness due to its crystalline structure. In rubber, assists as mold flow, extrusion, mold release agent, internal lubricant, and prevents tack in green rubber. PE-130 meets 21 CFR 172.888 and 21 CFR 178.3720 FDA regulations governing its use with food products.

9/03