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STEARATES

AKROCHEM ZINC STEARATE - Powder

DESCRIPTION:

Akrochem Zinc Stearate is a clear-melting, high quality zinc carboxylate of stearic (C-18) and palmitic (C-16) acids that is spray dried then ground to a very fine, highly dispersible white powder. This product is excellent for FRP applications where viscosity control is needed.

TYPICAL PHYSICAL PROPERTIES:

Appearance.....	white powder
Specific Gravity	1.0
Moisture (as produced)	0.50 %
Melt Point.....	121 °C
Ash (as ZnO).....	13.5 %
Free Fatty Acid.....	0.50 %
Apparent Density	21 lb/ft ³
% Passing #325 US Mesh	99

APPLICATIONS:

Akrochem zinc stearate powder is an effective internal lubricant, mold release agent in plastic processing and rubber applications, and to some degree can also provide acid scavenging properties. Akrochem zinc stearate is the metallic carboxylate of choice in most polyolefin processing applications due to its functionality and low moisture content as it does not adversely hydrolyze phosphites or antioxidants.

Akrochem zinc stearate is an extremely heat stable product that is manufactured at low temperatures with minimal heat history.

Akrochem zinc stearate complies with FDA Standard CFR 21 sections 177.2600 and 178.2010.

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