

GEL 420P

DESCRIPTION

GEL 420P is a finely ground attapulgite clay (hydrous magnesium aluminum silicate).

TYPICAL PHYSICAL PROPERTIES

Specific Gravity	2.35
% Moisture	18
pH (20% sol'n)	10
Color (Visual)	Gray
Wet Screen Analysis	
% retained, 325 mesh	5
Bulk Density, lbs./ft. ³	
Loose	30
Packed	48

TYPICAL CHEMICAL ANALYSIS

% SiO ₂	53.4
% Al ₂ O ₃	9.6
% MgO	9.4
% CaO	2.2
% Fe ₂ O ₃	3.7
% K ₂ O	1.3
% Na ₂ O	0.4
% TiO ₂	0.4
% MnO	0.1
% Loss on Ignition (1832°F)	19.5

APPLICATION

GEL 420P is used to build viscosity and suspension properties in paints, adhesives, sealants, and foundry coating systems. It is also used in conjunction with a surfactant to build viscosity and gel structure in oil-based products, such as asphalt roof coatings.

GENERAL INFORMATION

GEL 420P is a finely ground, high quality attapulgite clay used to impart thixotropic properties to water and other polar liquids. **GEL 420P** is also used in combination with surfactants to build viscosity and gel structure in oil-based systems.

PACKAGING

GEL 420P is available in 50-lb. bags or in bulk form.

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The information and data contained herein are believed to be accurate, but the manufacturer makes no warranty with respect thereto and disclaims responsibility for reliance thereon. This data relates only to the specific material described herein, and does not relate to use in connection with any other materials or in any process.

The manufacturer makes no warranties, express or implied, concerning this product. No warranty of fitness for any particular purpose is made, and we assume no responsibility whatever for any use of this product. This product should be used by properly trained personnel, and in compliance with applicable health and safety laws and regulations.

WARNING: This product contains free Silica (Quartz). Repeated and prolonged inhalation of dust in excess of TLV-TWA may cause delayed lung injury (Silicosis). Follow applicable OSHA, MSHA, or NIOSH standards for Crystalline Silica (Quartz). IARC has classified Crystalline Silica in Group 1, Carcinogenic to Humans, based on sufficient evidence for the carcinogenicity of Crystalline Silica in humans. The National Toxicology Program has listed crystalline silica (respirable) as a substance which may reasonably be anticipated to be a carcinogen. Airborne particles of respirable size of crystalline silica are known to the state of California to cause cancer.