XEON PTFE & SOLID LUBRICANTS

F150

XEON PTFE MICROPOWDER F150

Description

Xeon F150 is a white micropowder of low molecular weight PTFE through polymerization. When mixed with other polymers or liquids, it can reduce the friction coefficient. Added to a liquid system, it can effectively improve the theological properties of the system and significantly increase the viscosity of the system. Compared with other additives, the improvement of system performance by this product is not affected by temperature.

Xeon F150 is used as an additive to enhance the non-stickiness of materials, lower the friction coefficient and improve the abrasion resistance of the matrix material.

Applications

Xeon F150 is added to materials such as lubricating oils/lubricating greases and waxes, polymers, paints, elastomers and coatings. Xeon F150 is an ideal dispersant for petroleum, oils and pastes, and can simultaneously improve high-temperature and low-temperature lubrication performance.

Typical characteristics

Appearance/color	White	Xeon Standard
Average bulk density	220 ± 50 g/l	ASTM D4895
Average apparent particle size (d50)	2 to 4 μ	Laser Diffraction
Melting point	325 ± 5 °C	ASTM D4894
Specific surface area	14 - 18 m^2/g	ASTM D 4567

Packaging

15 kilograms per barrel. Each pallet contains 27 barrels for convenient transportation and storage.

Safety warning

Inhaling evaporates can cause harm! Please carefully read the Material Safety Data Sheet (MSDS) before using F150. This sheet can be obtained from the supplier. F150 packaging must be opened and used in a well-ventilated place. Inhaling evaporates generated during high-temperature processing or smoking contaminated tobacco can lead to flu-like symptoms (chills, high fever, sore throat). High-temperature processing must be carried out in a fully ventilated working environment. Do not smoke tobacco contaminated by F150.