

RF1106E Super Overbased Synthetic Calcium Sulfonate for Grease

• Product Introduction

With heavy alkyl benzene sulfonic acid as a main raw material, super over based synthetic calcium sulfonate RF1106E is produced by neutralization and super high alkalization reaction. It is mainly used in the production of calcium sulfonate grease. The product has excellent high temperature performance, mechanical stability, EP & antiwear and water resistance performance.

• Product Technical Index

Item	Index	Test Method
Appearance	Red-brown viscous liquid	Visual Inspection
Density (20°C), kg/m ³	1200-1300	ASTM D4052
Kinematic Viscosity (100°C), mm ² /s	80-250	ASTM D445
Flash Point (COC), °C	≥180	ASTM D92
Total Base Number, mgKOH/g	400-445	ASTM D2896
Ca Content, m%	15.0-17.5	ASTM D4951
S Content, m%	1.25-1.85	ASTM D1552
Moisture, m%	≤0.2	ASTM D95
Mechanical Impurities, m%	≤0.1	ASTM D473

• Package, Storage and Transportation

Packed in 200 liters iron drum or according to user's requirement. Transportation mode is by container or truck.

The maximum storage temperature shall not exceed 45°C.

This product is non-flammable, non-explosive, and non-corrosive, and it is same as petroleum products in terms of safety, environmental protection, use and other aspects, thus it needs no special protection.

The product is stored with a shelf life of 2 years, and it should avoid contact with strong antioxidant when use.

In case of accidental contact with skin, wash it off thoroughly with water and detergent.