

PMET® PE1690 is a kind of isomeric alcohol ether phosphate, belonging to the special ratio of multifunctional phosphate. It can be used in metal working formulation systems as an extreme pressure, anti-wear and aluminum corrosion inhibitor.

CHEMICAL COMPOSITION

Isomeric alcohol ether phosphate ester

CAS No.: 73038-25-2

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Clear liquid	Visual inspection
Density at 20℃, g/cm ³	1.03	GB/T 1884
Flash point open cup, °C	>150.0	GB/T 3536
Acid number at pH=5.5, mgKOH/g	7.0	Potentiometric titration
pH value, 1% aqueous solution	2.4	pH meter

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Effective for extreme pressure (EP) and wear-resisting (AW) additives in water-based metal working fluids, and with emulsifying properties
- Improve the lubrication properties of pure rolling oil and drawing oil

APPLICATION

- Metal working fluids / oils

USAGE METHOD

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 0.2-0.8%

RELATED PRODUCTS

- REWOCOROS AL200, RHODAFAC RS410

PACKAGING AND STORAGE

Packaging	50kg/200kg plastic drum (net weight)
Storage conditions	Store in a cool, dry, well-ventilated warehouse

HEADLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **PMET® PE1690**.

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