

Technical Data Sheet



RLT-T702

Sodium Petroleum Sulfonate

Description

RLT-T702 Sodium Petroleum Sulfonate is an anionic surfactant with strong hydrophilicity and outstanding emulsifying performance, and it provides excellent rust protection for metals.

This product can be used as an emulsifier for formulating metalworking soluble oils, micro-emulsion cutting fluids, etc. It can also serve as foaming agent, lubricant and detergent for textile, printing & dyeing, cleaning and other industries.

Typical physical and chemical properties

Test Item	Technical Specification
Appearance	Dark brown viscous liquid
Sodium sulfonate content, %	≥50
Mineral oil content, %	≤50
Inorganic salt content, %	≤0.35
Water content, %	≤1.0
Copper strip corrosion test (100℃, 2h)	Passed

Application Instructions

1. This additive delivers different emulsification effects in various systems. A small-scale compatibility test is recommended prior to formal use.
2. Recommended dosage: 1–10 wt%.

Storage Conditions

3. Keep stored indoors in covered warehouse only.
4. Keep away from direct sunlight and heat sources.
5. Place drums properly to avoid water accumulation on the top of barrels.
6. Keep containers tightly sealed to prevent ingress of moisture and impurities.
7. Store separately from strong acids and strong oxidants.
8. Recommended ambient storage temperature: 5℃ ~ 40℃.

Packaging & Shelf Life

Standard packing: 200L steel drum.

Shelf Life: 24 months from production date under compliant storage conditions.

Expired product can still be used if it passes full re-inspection of all technical indicators.

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