Basekim
Chemical Production Co.Ltd.

TECHNICAL DATA SHEET (TDS)

Product: Treated Residual Aromatic Extract (TRAE)
Supplier: Basekim

Description

TRAE is a high-performance aromatic extract oil obtained through solvent extraction of residual fractions from vacuum distillation.
It is further treated to reduce polycyclic aromatic hydrocarbons (PAHs) and meet international standards for safety and performance.
TRAE is widely used as a plasticizer and processing aid in the rubber and tire industries, offering excellent solvency and compatibility with elastomers.

Applications

- Tire manufacturing and retreading
- Rubber hoses, belts, seals, and gaskets
- Plasticizers and carrier oils in rubber compounds
- Extruded rubber products requiring strong aromatic solvency

Typical Specifications

Property	Typical Value / Range
Kinematic Viscosity @ 100 °C	~ 40 cSt
Kinematic Viscosity @ 50 °C	~ 590 cSt
Flash Point	~ 250 °C
Pour Point	+42 °C
Specific Gravity @ 15.6 °C	~ 0.950
Aniline Point	~ 70 °C
Sulfur Content	~ 3% wt
Color	~ 7 (ASTM scale)
Viscosity Gravity Constant (VGC)	~ 0.875
PCA / Extractable Aromatics	≤ 3% wt max

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Packaging & Handling

- Available in **180 kg steel drums**, ISO tanks, flexi-tanks, or bulk shipments.
- Store in a **cool, dry, and well-ventilated area**, away from sunlight, heat, open flames, and oxidizing agents.
- Each 20-foot container can hold approximately 80 drums, depending on packaging configuration.

Safety & Quality Notes

- Low PAH content provides a safer alternative compared to untreated residual extracts.
- Product complies with international regulatory standards for industrial aromatic oils.
- Always follow proper storage, handling, and disposal procedures to ensure safety and environmental compliance.

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