



TECHNICAL DATA SHEET (TDS)

Product: Treated Distillate Aromatic Extract (TDAE)

Supplier: Basekim

Description

TDAE is a high-aromatic extract oil processed to remove harmful components such as free aromatics and reduce PCA/PAH content. It offers strong solvency, high Viscosity Gravity Constant (VGC), and reduced heat buildup in rubber and tire compounds.

Applications

- Natural and synthetic rubber compounds (tires, hoses, belts)
- Plasticizers and diluents in rubber manufacturing
- Carbon black carrier oils
- Other industrial uses (inks, adhesives) requiring aromatic solvency

Typical Specifications

Property	Typical Value
Specific Gravity @ 15°C	~ 0.953
Flash Point (COC)	~ 246 °C
Congearing Point	~ 33 °C
TAN (Total Acid Number)	~ 0.12 mg KOH/g
Kinematic Viscosity @ 40 °C	~ 549.5 cSt
Kinematic Viscosity @ 50 °C	~ 260.8 cSt
Kinematic Viscosity @ 100 °C	~ 19.65 cSt
Refractive Index @ 20 °C	~ 1.5227
Refractive Index @ 67 °C	~ 1.5113
Viscosity Gravity Constant (VGC)	~ 0.895
Aniline Point	~ 63 °C
Water Content	~ 412 ppm
Sulphur Content	≤ 3.0 % wt
PCA / Extractables	~ 2.2 % wt

Packaging & Handling

- Supplied in new steel drums (≈ 180-200 kg), ISO or bulk tanks



- Store in sealed containers, in cool, dry, ventilated storage, away from heat or flame

Quality Assurance

Each batch is provided with a Certificate of Analysis (COA), and meets applicable standards for treated aromatic oils.