



TECHNICAL DATA SHEET (TDS)

Product Name: Rubber Process Oil Heavy
Supplier: Basekim

Description:

A high-viscosity, aromatic rubber process oil designed to act as a processing aid and extender in rubber compounds. It improves filler dispersion, rubber workability, flexibility, and enhances final product durability.

Applications

- Heavy rubber goods: industrial hoses, belts, seals, connectors
- Tire compounds and retreading
- Rubber molding for infrastructure and industrial use
- Reinforcement and compounding where high load or high abrasion resistance is required

Typical Technical Specifications

Property	Value Range / Typical	Test Method
Kinematic Viscosity @ 100°C	~ 50-75 cSt (depending on grade)	ASTM D445 / ISO 3104
Density @ 15°C	~1.00-1.05 g/cm ³	ASTM D1298
Flash Point (°C, COC)	≥ ~180-230 °C	ASTM D92
Pour Point (°C)	~ +30- +40 °C	ASTM D97
Color	Dark amber to brown	ASTM D1500
Solubility in Water	Negligible	—
Vapor Pressure	Low at ambient temp	—

Packaging & Handling

- Supplied in steel drums (≈180-200 kg), ISO / bulk tanks for large orders
- Stored in a cool, dry, ventilated warehouse, away from ignition sources and heat

Safety & Precautions

- Avoid repeated or prolonged skin contact; use gloves, goggles, protective clothing



- Good ventilation needed when heating or mixing to avoid fumes or mist inhalation
- Refer to MSDS for first aid, spill handling, and environmental care

Quality Assurance

Each batch is supplied with:

- Certificate of Analysis (COA)
- Safety Data Sheet (MSDS)
- Technical Data Sheet (TDS)