



TECHNICAL DATA SHEET (TDS)

Product Name: Low Viscosity Paraffinic Rubber Process Oil

Supplier: Basekim

Description

Low Viscosity Paraffinic Rubber Process Oil is a highly refined paraffinic oil designed to improve the processing and performance of natural and synthetic rubber compounds. It enhances filler dispersion, provides softness and flexibility, and helps reduce viscosity for smooth mixing and molding.

Applications

- Soft rubber products such as footwear, seals, and gaskets
- Adhesives and sealants
- Rubberized flooring and mats
- Plasticizer and extender for rubber compounds
- Light rubber goods requiring flexibility and stability

Technical Specifications

| Property | Typical Value | Test Method |
|-------------------------------------|---------------|-------------|
| Kinematic Viscosity @ 100°C | ~10 – 20 cSt | ASTM D445 |
| Flash Point (COC, °C) | ≥ 220 | ASTM D92 |
| Density @ 15°C (g/cm ³) | 0.860 – 0.885 | ASTM D1298 |
| Pour Point (°C) | Below 0 to +5 | ASTM D97 |
| Color (ASTM) | L0.5 – 1.5 | ASTM D1500 |

Packaging & Handling

- **Steel Drums:** 180 – 200 kg net weight
- **IBC Containers:** 1 MT each
- **Bulk Supply:** Tankers or flexi-bags for high-volume orders

Storage Conditions:



- Store in sealed containers, away from direct sunlight and ignition sources.
- Keep in a cool, dry, and ventilated area to maintain product quality.
- Use oil-resistant hoses and fittings during transfer.

Safety & Precautions

- Avoid prolonged skin contact; use gloves and protective clothing.
- Ensure proper ventilation during processing.
- Refer to the **MSDS** for detailed safety, health, and environmental guidelines.

Quality Assurance

Every batch is supplied with:

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