Basekim
Chemical Production Co.Ltd

PRODUCT DATA SHEET (PDS)

Product: Sulphonated Asphalt
Appearance: Black Free-Flowing Powder

Chemical & Physical Properties

Parameter	Unit	Typical Value
Appearance	-	Black Free-Flowing Powder
pH (2% Solution in DI Water)	-	Min 8.5
Moisture Content	wt%	Max 10
Water Solubility	%	Min 70

Applications

- Water-based drilling fluids
- Shale stabilization
- Fluid loss control systems
- High-temperature drilling operations
- Wellbore strengthening applications
- Torque and drag reduction in drilling fluids

Features & Benefits

- Stabilizes reactive shales by chemically and physically sealing micro-fractures.
- Helps prevent dispersion and hydration of drilled cuttings.
- Controls high-temperature fluid loss and promotes formation of a thin, tough filter cake.
- Improves wellbore stability.
- Reduces drilling torque and drag.
- Enhances drilling efficiency in water-based mud systems.

Recommended Dosage

Application	Recommended Dosage
Water-Based Drilling Fluids	2.0 – 6.0 lbs/bbl
Severe Shale Problems	As Required Based on Field Conditions

Pre-treatment is recommended where severe shale instability is anticipated.

Packaging

- 25 kg Paper Bags with PE Liner
- 25 kg HDPE Bags
- 1 MT Jumbo Bags

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Storage & Handling

Store in a cool, dry and well-ventilated area. Keep containers tightly closed and protected from moisture. Avoid dust generation during handling.

Safety Precautions

Use appropriate personal protective equipment including dust mask, gloves and protective clothing. In case of eye contact or prolonged skin contact, rinse thoroughly with plenty of water and seek medical attention if irritation persists.

Shelf Life

24 months from the date of manufacture when stored in the original unopened packaging under recommended storage conditions.

Note

The information provided in this Product Data Sheet is based on current knowledge and experience. The values shown are typical properties and should not be considered as product specifications. Users should determine the suitability of the product for their specific application through appropriate testing and evaluation.