



SIDDHI TRADE ENTERPRISE

PIBSA (POLY ISO BUTYLENE SUCCINIC ACID)

TECHNICAL DATA SHEET

INTRODUCTION

- It is an ash less, non-fatty, high viscosity surfactant additive.
- It is a polyisobutenyl succinic anhydride (PIBSA) derived from polybutene.
- It is commonly used as an intermediate in the manufacture of oil soluble dispersants for lubricating oil applications and in the manufacturing of emulsifiers.

FORMULATION

It is recommended for use at 3 to 14% wt in base oils.

Benefits:

Good wettability properties
Clean annealing characteristics
Good emulsibility properties
Non-staining towards aluminum
Lubricant additives
Drilling fluids

TYPICAL PROPERTIES

Physical		
Specific Gravity, at 15.6°C.....	ASTM D4052	0.954
Density, lb/gal at 60°F.....	ASTM D4052	7.72
Flash, COC °C.....	ASTM D92	200
Viscosity, cSt at 100°C	ASTM D445	900
Color, dilute	ASTM D1500	3.0

Handling Maximum temperatures of 82 °C (180 °F) for handling and 49 °C (120 °F) for long-term storage are recommended. Ordinary precautions for handling concentrated chemicals and blending additives into base oils should be observed.

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SPECIFICATION SHEET

<u>TEST</u>	<u>PROCEDURE</u>	<u>MIN</u>	<u>MAX</u>
1. PRIMARY ANALYSIS			
Specific Gravity @ 15.6° C	GL-GR-1	0.939	0.969
Viscosity @ 100° C., cst	ASTM D 445	700	1200
Color, ASTM Dilute	ASTM D 1500	2.0	3.0
% Water	ASTM D 95		TRACE
Clarity	CLARK CLAR.		SL.HAZE
Tan	GL-NN-40	103	113
2. SECONDARY ANALYSIS			
Flash point, ° C., PMCC	ASTM D 93		180
Pour Point, ° C.	ASTM D 97		10
Sap No.	ASTM D 94		102

On behalf of [Siddhi Trade Enterprise](#), we are pleased to have the opportunity to work with you and we look forward to establishing a solid, mutually beneficial business relationship.

Please feel free to contact us for further details. Assuring you our best services.

SIDDHI TRADE ENTERPRISE

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