



Date:

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Apafeed petrochemical trading LLC

*NISOC SPECIFICATION
DRILLING FLUIDS PRODUCT DATA*

OBM S. EMUL.

Product Description Product Description:

Secondary or supplementary emulsifier is kind of polyamide which used in oil muds to impart emulsification performance of water-in-oil emulsion systems containing high concentration of salt, has ability to impart high temperature stability of oil mud. Soluble in gas oil.

Application:

- Emulsifier.
- Wetting agent.
- Surfactant.

Typical Physical Properties:

<i>TEST No.</i>		<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
OIL/WATER	RATIO	60/40	80/20	60/40	80/20
M.W	PCF	64	90	64	90
GASOIL	ML	187.5	181.5	187.5	181.5
OBM.P.EMUL.	ML	10.5	10.5	10.5	10.5
LIME	GR	12	8	12	8
OBM F.L.C	GR	13	10	13	10
S.S.W	ML	140	57	-	-
SAT. CaCl ₂ WATER	ML	-	-	140	57
OBM VISCOSIFIER	GR	0.5	0.5	0.5	0
OBM.S.EMUL.	ML	3.5	3.5	3.5	3.5
L.S.P	GR	-	245	-	238

O.B.M S. EMUL. Continue :



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ROLLED IN ROLL.OVEN AT 200 & 250 °F FOR 4 HRS FANN VIS. RUN AT 140 °F AND HPHT F.L. AT 180 & 250°F WITH 500 PSI					
REQ.		1	2	3	4
P.V	CPS	15	20	15	20
Y.P	LB/100FT ²	10	10	10	10
GELS.	LB/100FT ²	6/7	4/5	6/7	4/5
E.S	VOLTS	250_min	300 min	400 min	450 min
HPHT F.L.	ML	3 max	3 max	3 max	3 max
SETELLING		NIL	NIL	NIL	NIL

Recommended Treatment:

It depends on emulsified water and weighting agent amounts.
Add 0.2-0.4 gal/bbl.

Source :

KPA

Packaging :

55 US gallon metal drums.

Marked on: *Name of Manufacturer, Batch No. and Production date.*

Safety Handling:

- Avoid skin contact, in case of contact wash with water and soap.
- Use gloves and goggles during usage.
- Keep in sheltered place.