

Oceanchem Group Calcium Bromide (CaBr₂)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Molecular Formula: CaBr₂**Cas No.:** 7789-41-5**Use:** Calcium Bromide and its formulated brines are mainly used as completion, workover and packer fluids in oil drilling field.**Properties:** This product is white grain or cake crystal; it is free of smell and tastes salty and slightly bitter. It can dissolve in water and ethand or actone, hardly dissolves in aether or chloroform. It will turn yellow if placed in the air for a long time. It is very quick hygroscopic, its aqueous solution is neutral.**Storage and Handling:** Product containers from damage and keep them well closed. Store in a cool, well-ventilated, dry and shaded storehouse. Avoid inhalation, ingestion and contact with the eyes and skin.**Information Provided by Oceanchem Group**

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-Calcium-Bromide-CaBr2.php

Physical Properties	Metric	English	Comments
Density	1.70 - 1.73 g/cc	0.0614 - 0.0625 lb/in ³	Liquid
pH	6.0 - 8.0	6.0 - 8.0	Solid
	7.0 - 9.0	7.0 - 9.0	Liquid
Molecular Weight	199.88 g/mol	199.88 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	730 °C	1350 °F	
Boiling Point	806 - 812 °C	1480 - 1490 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 3.0 %	<= 3.0 %	Solid

Descriptive Properties	Value	Comments
Appearance	Clear colorless to pack yellow	Liquid
	White grain or lumpy	Solid
Assay (%)	52	Liquid; as CaBr ₂
	95	Solid; as CaBr ₂
CAS Number	7789-41-5	
Chloride (%)	<0.3	Liquid
	<0.5	Solid

Descriptive Properties	Value	Comments
Sulphate (%)	<0.03	Liquid
	<0.05	Solid
Water-insoluble (%)	<0.5	Solid

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