

Oceanchem Group Sodium Bromate (NaBrO₃)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Molecular Formula: NaBrO₃Cas No.: 7789-38-0Use:This product is a strong oxidant, mainly used as printing and dyeing auxiliary, hair-permagent, chemical agent, or gold solvent in gold mines when used with sodium bromide.Properties: This product is white crystal or powder. It does not dissolve in alcohol.Information Provided by Oceanchem Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-Sodium-Bromate-NaBrO3.php

Physical Properties	Metric	English	Comments
Density	3.339 g/cc	0.1206 lb/in ³	
pH	5.5 - 7.5	5.5 - 7.5	5 w/v
Molecular Weight	150.89 g/mol	150.89 g/mol	

Thermal Properties	Metric	English	Comments
Decomposition Temperature	381 °C	718 °F	

Component Elements Properties	Metric	English	Comments
Arsenic, As	<= 0.00020 %	<= 0.00020 %	High Grade
	0.00020 - 0.00030 %	0.00020 - 0.00030 %	First Grade
Iron, Fe	<= 0.00050 %	<= 0.00050 %	High Grade

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.10 %	<= 0.10 %	High Grade
	0.10 - 0.20 %	0.10 - 0.20 %	First Grade

Descriptive Properties	Value	Comments
Bromide (%)	<0.05	High Grade; calculated with NaBr
	0.05-0.1	First Grade; calculated with NaBr
CAS Number	7789-38-0	
Chloride and Chlorate (%)	<0.05	High Grade; with Cl
	0.03-0.1	First Grade; with Cl
Content (%)	>99.7	High Grade; with NaBrO ₃

Descriptive Properties	Value	Comments
	99.5	High Grade, with NaBrO ₃
Heavy Metal (%)	<0.0005	High Grade; calculated with Pb
	0.0005-0.001	First Grade; calculated with Pb
Light Absorbency (%)	<0.12	High Grade; 20% solution
Molecular Formula	NaBrO ₃	
Sulphate (%)	<0.01	High Grade; calculated with SO ₄ ²⁻
	0.01-0.02	First Grade; calculated with SO ₄ ²⁻

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