

Magnesium Oxide Caustic/MgO

INFORMATION

Scrubbers working with Magnesium Oxide as alkali in closed loop are considered safer than those with caustic soda required. MgO is supplied as powder, 25kg bags or 1000kg big bags. Operational cost using Magnesium Oxide will be cheaper than corresponding cost of using Caustic Soda, as Magnesium is a superior alkali when operating in zero washwater discharge areas (ports/coastlines).

CHEMICAL COMPOSITION		TYPICAL VALUE	UNIT OF MEASURE	NORMA UNI EN ISO	GUARANTEED VALUE
Magnesium Oxide	MgO Ignited basis	99,00	% m/m	10058-3:2009	Min 97
Calcium Oxide	CaO	1,48	% m/m	10058-3:2009	Max 1,98
Iron Oxide	Fe ₂ O ₃	0,01	% m/m	10058-3:2009	Max 0,20
Aluminium Oxide	Al ₂ O ₃	0,12	% m/m	10058-3:2009	Max 0,20
Silica Oxide	SiO ₂	0,25	% m/m	10058-3:2009	Max 1,5
Sulfur Oxide	SiO ₃	0,3	% m/m	10058-3:2009	
LOI		2,50	% m/m	26845:2008	Max 3,80-
Surface Area BET		35-55	m ² /gr	26845:2008	-
Reactivity in Citric Acid	Al	20-30	Sec.	Internal method	
Density		750-780	gr/l	UNI EN	
Sizes		98% inf 76 µm		LASER	
Color		White			

Note: Please, advise and follow the existing guideline from your scrubbers system on the operation.

Code: 161165511



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