



MASTERCHEM LIMITED

ALPHA-ALUMINA

SYNONYM: α -ALUMINA

FORMULA: Al_2O_3

M. W. : 102

GRADE: LOW SODA

DESCRIPTION: IT'S REAL DENSITY IS 3.95g/cm^3

SPECIFICATIONS:

ITEM	SUPER GRADE	FIRST	GRADE
SECOND GRADE			
$\text{Al}_2\text{O}_3(\%\text{MIN.})$	99	99	99
$\text{SiO}_2(\%\text{MAX.})$	0.06	0.08	0.10
$\text{Fe}_2\text{O}_3(\%\text{MAX.})$	0.03	0.04	0.04
$\text{B}_2\text{O}_5(\%\text{MAX.})$	0.05	0.06	0.15
$\text{Na}_2\text{O}+\text{K}_2\text{O}(\%\text{MAX.})$	0.06	0.10	0.20
L.O.I. ($\%\text{MAX.}$)	0.15	0.15	0.20
α - $\text{Al}_2\text{O}_3(\%\text{MIN.})$	95	95	93

USES: WIDELY USED AS RAW MATERIAL OF ALUMINIUM COMPOUND, ANTIBURNED FILLER OF PLASTIC, RUBBER AND SO ON.