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Typical Product Specifications & Properties

Magnesium Oxide-Technical Grade KP

CAS Number: : 1309-48-4

Specifications	Limits
Density	3.65-3.75
Very Soluble	in water
Melting Point	2800 c
Loss on ignition (900 C)	2.0% max
Bulk Density, tapped	0.45 - 0.75 gr/cc
Magnesium Oxide as MgO (by difference)	97.0% min
Calcium as CaO	1.00% max
Iron as Fe ₂ O ₃	0.05% max
Silicon as SiO ₂	0.10% max
Chloride as Cl	0.70% max
Sulphate as SO ₄	1.00% max
Residue on 100 mesh	10.0% max



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Specifications	Limits
Residue on 325 mesh	35.0% max
Insolubility	in alcohol
Odor	wh. powd. or cryst., odorless
Molecular weight	40.31
Solubility	dil. acids, ammonium salt solns.
Boiling Point	3600 c



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