

## TECHNICAL DATA SHEET

### MAGNESIUM CARBONATE

**1- Product Name:** Magnesium Carbonate Basic, Heavy (Ceramic Grade)

**2- Formula:**  $4\text{MgCO}_3 \cdot \text{Mg}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$

**3- CAS Number:** 39409-82-0

**4- Chemical Specifications:**

Chemical Compositions	Requirements
Assay (As MgO)	$\geq 40.0\%$
Calcium (CaO)	$\leq 0.05\%$
Loss on Ignition (LOI)	50.0-60.0%
Iron (Fe)	$\leq 0.05\%$
Manganese (Mn)	$\leq 0.004\%$
Sulphate (SO <sub>4</sub> )	$\leq 0.30\%$
Moisture (H <sub>2</sub> O)	$\leq 0.50\%$
HCL Insoluble Matter	$\leq 0.10\%$
Residue on 100 Mesh Sieve	$\leq 0.05\%$

**5- Packing:** Packed in net 20/25KG plastic woven bag with PE liner.