

## Natural Magnesium Hydroxide Products (HTMB)

### Physical Properties (typical)

Loss of Ignition (%)	31
Specific Gravity	2.36
Refractive Index	1.58
Mohs Hardness	2.5
Decomposition Temp. (°C)	330
Color	White

HTMB Series are a ground natural magnesium hydroxide available in multiple particle sizes to meet various application requirements.

### Chemical Properties (typical)

	HTMB2	HTMB4	HTMB10	HTMB15
MgO%	65.0	65.0	65.0	65.0
CaO%	2.9	2.9	2.9	2.9
Fe <sub>2</sub> O <sub>3</sub> %	0.10	0.10	0.10	0.10
Cl%	<0.03	<0.03	<0.03	<0.03

### Sales Specifications (typical)

	HTMB2	HTMB4	HTMB10	HTMB15
Median Particle Size (microns-Sedigraph)	2	4	8	12
+325 mesh (%)	0.2	0.2	0.5	0.8
Free Moisture	0.4	0.4	0.4	0.4
Surface Area (m <sup>2</sup> /g)	10-12	8-10	7-9	6-8

**HEALTH AND SAFETY:** For specific information, refer to the Material Safety Data Sheet.

**PACKAGING:** Standard packaging for HTMB2 & HTMB4 is 20kg (44lbs) PE-lined paper bags, Standard packaging for HTMB10 & HTMB15 is 25kg (55lbs) PE-lined paper bags. 1 metric ton (2204lbs) Super sacks available.

Terms and Conditions of Sale: All statements, technical information and recommendations are based on tests we believe to be reliable, the accuracy or completeness is not guaranteed, and the following is made in place of all warranties, expressed or implied. Our only obligation is to replace product proved to be defective. We shall not be liable for any injury, loss or damage, direct or indirect, from using or not being able to use the product. Before using, customer must determine the suitability of the product for the intended use and customer assumes the responsibility. This statement may not be changed except by an agreement signed by an officer of The R.J. Marshall Company.

Sept. 2013