HALBLEITER MATERIAL

Email: info@vimaterial.de

Tel: 0049 1626484175

Technical Data Sheet

Magnesium Aluminate Powder

Product ID: **12130800PD001**

Formula: $MgAl_2O_4$ **Molecular weight:** 142.27 g/mol

CAS No.: 12068-51-8 **EINECS No.:** 235-100-5

Color: White

Description: Magnesium aluminate ($MgAl_2O_4$) spinel powder offers excellent thermal stability, chemical resistance, mechanical strength, and low dielectric loss.

Application: Used in advanced ceramics, refractory materials, transparent ceramic components, electronic insulation, and optical applications.

Product Image:



1. Sizes

Product ID	Formula	Particle Size
12130800PD001	$MgAl_2O_4$ (99.5%)	-325 Mesh
12130800PDDZ	$MgAl_2O_4$ (99.5%)	Customized

2. Chemical compositions

	Metal impurities (ppm)				
Element / Typical Value / Purity	Ca	Fe	Si	Sr	Cr
99.5%	≤ 500	≤ 600	≤ 1000	≤ 1000	≤ 300

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Bottle/Bag.
Double vacuum packed.
Custom packaging is available.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

Handle in a well-ventilated area and avoid generating or inhaling dust; wear appropriate personal protective equipment.

Store in a tightly sealed container in a cool, dry place to prevent moisture contamination.

Contact Us

Website:www.vimaterial.de
Email: info@vimaterial.de
Tel: 0049 1626484175
Add: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.