

# Technical Data Sheet

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## ALCHEMIX<sup>®</sup> A80

### *Marble Flour*

ALCHEMIX A80 Marble flour is a general purpose filler suitable for use in a polyurethane and epoxy resin systems. ALCHEMIX A80 is a fine powder allowing for easy mixing and high loading, for a variety of applications.

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### **Special Features**

- Fine powder grade
- Excellent colour and brightness

### **Chemical Analysis**

Material	Weight (%)
CaO	30.6
MgO	21.1
Fe <sub>2</sub> O <sub>3</sub>	0.06
HCl Insoluble Content	0.4

### **Physical Properties**

Parameter	Test Method	Result
Residue on a 45µm Sieve	ISO 787/7	0.04 %
Top cut (d98%)	-	25 µm
Mean particle size (d50%)	-	5 µm
Particles (< 2 µm)	-	22%
Brightness	RY, C/2°, DIN 53163	93%
Moisture	ISO 787/2	0.2%
Loose bulk density	ISO 787/11	0.8 g/ml
Packed bulk density	-	1.2 g/ml
Oil absorption	ISO 787/5	20 g /100g
Specific gravity	ISO 787/10	2.85 g/ml
pH value	ISO 787/9	10

### **Method of Use**

To be used as a filler with epoxy and polyurethane resin systems. Please refer to the products technical data sheet for further guidelines.

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## **Further Information**

This data is not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum.

Our technical advice, whether verbal, or in writing is given in good faith, but without warranty – this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended process and use.

Before using any of our products, users should familiarise themselves with the relevant Technical and MSDS provided by Alchemie Ltd.

## **Alchemie Limited**

Alchemie Ltd develop, formulate and distribute Epoxy Resins, Polyurethane Resins, Silicones, Model Boards and Sheet Wax for use in the following applications:

- Electrical encapsulation
- Rapid Prototyping
- Prototypes
- Casting
- Gel Coating
- Laminating
- Model Making
- Master Models
- Flexible and rigid mould making

We offer fast service, technical support, development expertise, innovative products, diverse knowledge and experience.

We are a well-established company, with a high level of investment and experience. We implement BS EN ISO 9001.

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