



**Clay & Pottery Supplies**  
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# Technical Data Sheet

## Marte

### Red Sculpture Mid-Fire Clay

#### Technical Data

Firing Range:	<b>Cone 03-7</b>
Biscuit Temperature:	Cone 06
Water Content:	19%
Plasticity (IP Atterberg):	18
Carbonate Content (CaCO <sub>3</sub> ):	0%
Drying Shrinkage:	6.6%
Firing Shrinkage (1250°C):	3.8%
Porosity (1250°C):	8.6%
Dry Bending Strength:	2.1 N/mm <sup>2</sup>
Fired Bending Strength (1250°C):	31.0 N/mm <sup>2</sup>
Thermal Coefficient (1250°C):	60.8x10 <sup>-7</sup> °C <sup>-1</sup>

#### Features



Mid-Fire Sculpture Clay



Not Tested For Use  
In Microwave



Not Suitable  
For Tableware



Compatible With Most  
Standard Glazes  
(Test firing recommended)

SIO-2® Marte is a mid-fire red clay body that has been crafted with 40% fine grog. Whether you're sculpting intricate figures or crafting bold decorative murals, this clay provides the perfect foundation for your creativity.

The high grog content not only creates a beautifully textured surface, reminiscent of ancient terracotta, but also ensures exceptional performance during drying and firing.

From subtle blush to deep crimson, Marte boasts a color palette that allows for nuanced detail and dramatic impact, making each piece a unique reflection of the artist's vision.

#### Available Packaging

**Full-Size**  
27.6 lbs



**Sample-Size**  
4 lbs

