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Technical Data Sheet

PT

Terracotta Earthenware Low-Fire Clay

Technical Data

Firing Range:	Cone 07-04
Biscuit Temperature:	-
Water Content:	22%
Plasticity (IP Atterberg):	18
Carbonate Content (CaCO ₃):	22%
Drying Shrinkage:	5.5%
Firing Shrinkage (1250°C):	0.6%
Porosity (1250°C):	14.3%
Dry Bending Strength:	9.9 N/mm ²
Fired Bending Strength (1250°C):	31.2 N/mm ²
Thermal Coefficient (1250°C):	80.3x10 ⁻⁷ °C ⁻¹

SIO-2® PT is a high-quality terracotta earthenware clay appreciated for its strength and versatility. Its calcium carbonate content develops warm hues that range from pink to straw, depending on the firing temperature and atmosphere.

This clay's thermal expansion is well suited to standard pottery glazes, performing reliably in both single and double firings.

With high resistance to frost and weathering, SIO-2® PT is ideal for outdoor creations such as garden pots, tiles, and decorative pieces, and is suitable for wheel-throwing, modeling, and shaping.

Features



Low-Fire Earthenware Clay



Not Tested For Use In Microwave



Not Suitable For Tableware



Compatible With Most Standard Glazes (Test firing recommended)

Available Packaging

Full-Size
27.6 lbs



Sample-Size
4 lbs

