



100 YEARS OF CERAMIC TECHNOLOGY

**SUPERIOR TECHNICAL CERAMICS CORP.**

1898-1998

# MULLITE

Property	Designation	M-10
Color		Light Tan
Hardness	Mohs	8.0
Water Absorption	%	Impervious
Specific Gravity		3.0

Compressive Strength	PSI	150,000
Tensile Strength	PSI	15,000
Flexural Strength	PSI	20,000

Maximum Operating Temperature Under Non Loading Conditions	°C	1710
	°F	3110

NOTE: THE INFORMATION IN THIS DATA SHEET IS FOR DESIGN GUIDANCE ONLY. STC DOES NOT WARRANTY THIS DATA AS ABSOLUTE VALUES. FORMING METHODS AND SPECIFIC GEOMETRY COULD AFFECT PROPERTIES. SLIGHT ADJUSTMENTS CAN BE MADE TO SOME OF THE PROPERTIES TO ACCOMMODATE SPECIFIC CUSTOMER REQUIREMENTS. MOST OF THE DENSE MATERIALS IN THE TABLE ARE RESISTANT TO MECHANICAL EROSION AND CHEMICAL ATTACK. STC HAS PERFORMED ASTM TESTING AND MIL-I-10B QUALIFICATION FOR CERTAIN COMPOSITIONS. PLEASE CONTACT OUR TECHNICAL STAFF FOR APPROPRIATE MATERIAL AND SPECIFIC TEST RESULTS.



## **SUPERIOR TECHNICAL CERAMICS**

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