

# 1070X Investment

Specifically designed for use in manufacturing aluminum shoe molds, 1070X investment is a calcium sulfate bonded investment containing cristobalite, fiberglass and various specially graded refractories. 1070X investment can also be used as a general purpose casting investment suitable for casting industrial non-ferrous art. It is an excellent investment when it is desirable to cast into a mold having temperatures as low as 100°F (40°C). Standard methods of investing for conventional solid mold lost wax casting are employed. 1070X investment can also be used in conjunction with R&R's RTV2 silicone rubber.

## Typical Material Properties\*

Consistency (Water/Powder Ratio )	28/100 (by weight)
Setting Expansion	Approximately 0.3%
Pour Time (Working Time)	12-13 minutes
Initial Setting Time	<20 minutes
Permeability (darcy)	0.05
Volume of Mixed Investment	18.5 cu in per pound of powder

\*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

## PRODUCT DATA SHEET



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