



TECHNICAL DATA

ProCAST® 96-GR (sc-9500) DEGASSER SNORKEL GROUTING MIX

Recommended Service Temperature Limit..... 3400°F
 Water Required To Obtain :Grouting Consistency..... 12 - 14%
 Material Required Per Ft³..... 160 - 163 lb
 Packaging..... 55 lb bag

TEMPERATURE (°F)	BULK DENSITY (lb/ft³)	LINEAR CHANGE (%)	MODULUS OF RUPTURE (lb/in²)	COLD CRUSH STRENGTH (lb/in²)	APPARENT POROSITY (%)
220	167-170	-----	1300-1700	4400-5000	19 - 21
1500	160-163	-0.2 to 0.2	1000-1400	3100-3700	29 - 31
2250	159-162	-0.3 to 0.1	1200-1600	3700-4300	34 - 36
2732	158-161	-0.2 to 0.2	2800-3200	7000-7600	30 - 32
2910	157-160	0.0 to 0.4	2600-3000	7400-8000	30 - 32

CHEMICAL ANALYSIS: (Ignited)

Al ₂ O ₃	.....	96.0%
SiO ₂	.....	0.1
Fe ₂ O ₃	.....	0.1
TiO ₂	.....	Tr
CaO	.....	3.6
MgO	.....	Tr
Alkalies	.....	0.2

THERMAL CONDUCTIVITY: ASTM C-1113

Mean Temperature (°F)	K-Factor (BTU-in/hr-ft² °F)	Pour Cast
1000.....	13.9
1500.....	13.3
2000.....	16.1
2500.....	17.5

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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