

TECHNICAL DATA SHEET

RockRidge Excalibur 30-60 Grit

Description: Excalibur Garnet is mined abrasive product. Particle distribution and chemical composition vary within a very tight range. Performance is exceptional against other products. Non toxic and non corrosive.

Typical Physical Characteristics:

Bulk Density (g/cm ³)	2.1
Specific Gravity	4
Mohs Hardness	8.0
Color	Red
Grain Shape	Sub Angular
Conductivity	120

Typical Chemical Composition:

Mineral Content	%
Fe ₂ O ₃	4.38
FeO	26.67
SiO ₂	38.96
TiO ₂	0.63
Al ₂ O ₃	21.07
CaO	1.46
MgO	6.48
MnO	0.18
Sol.Cl	10ppm

Typical Mineral Content:

Mineral	%
Almandine Garnet	97
Ilmenite	1
Omphacite	1
Rutile	0.5
Quartz	<0.1
Hornblende	<0.5
Free Silica	<0.1

Typical Particle Distribution:

Size (µm)	Mesh	Weight Ratio
+600	+30	0.00
+500	+35	4.00
+425	+40	26.00
+300	+50	64.00
+250	+60	5.00
-250	-60	1.00
Total		100

Particle Distribution Curve:

