

RU – PINK FUSED ALUMINUM OXIDE

PINK FUSED ALUMINA (AL₂O₃) FOR COATED ABRASIVES

ABOUT:

RU is a pink aluminum oxide obtained by fusion of calcined alumina and chrome ore in electric arc furnaces. Its high purity and self-edged reposition characteristic makes RU a product for special applications where contamination is an issue to be considered.

TYPICAL CHEMICAL ANALYSIS	
Al ₂ O ₃	99.10%
Fe ₂ O ₃	0.04
Na ₂ O	0.34
Cr ₂ O ₃	0.41

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity:	3.94 g/cc
Knoop 100 Hardness:	1900 kg/cm ²
Toughness:	43% (ANSI-B74.8 R2007)

TYPES OF TREATMENT	
Treatment	SHAPE
	Angular
Not Treated	RU L
Red Coated (RC)*	RURC L
Silane Treated (ST)*	RUST L

BULK DENSITY (g/cc)			
Grit Size	L	Grit Size	L
12	1.67 - 1.77	60	1.63 - 1.73
16	1.63 - 1.73	80	1.54 - 1.64
20	1.64 - 1.74	100	1.48 - 1.58
24	1.64 - 1.74	120	1.45 - 1.55
30	1.65 - 1.75	150	1.42 - 1.52
36	1.65 - 1.75	180	1.37 - 1.47
40	1.65 - 1.75	220	1.35 - 1.45
50	1.64 - 1.74		

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*Treatment (RC or ST) can affect bulk density by ± 0.05 g/cm³

USEM

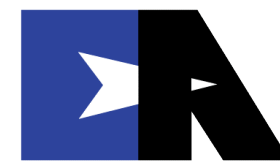
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