

GRANULAR "SP" DUPONT PREMIUM LOW ALUMINA	
Chemical Analysis	
ZrO <sub>2</sub>	66.3 Min.
SiO <sub>2</sub>	32.5 Typ.
TiO <sub>2</sub> %	0.25 Max.
Al <sub>2</sub> O <sub>3</sub> %	0.80 Max.
Fe <sub>2</sub> O <sub>3</sub> %	0.050 Max.
Th & U (ppm)	360 Typ.
Typical Screen Analysis ( % retained )	
50 mesh	0.0
70 mesh	0.5
100 mesh	10.9
140 mesh	62.4
200 mesh	24.9
270 mesh	1.3
Pan	0.0
A.F.S.	108

GRANULAR "S" DUPONT STANDARD	
Chemical Analysis	
ZrO <sub>2</sub>	65.0 Min.
SiO <sub>2</sub>	32.2 Typ.
TiO <sub>2</sub> %	0.35 Max.
Al <sub>2</sub> O <sub>3</sub> %	2.00 Max.
Fe <sub>2</sub> O <sub>3</sub> %	0.054 Max.
Th & U (ppm)	400 Typ.
Typical Screen Analysis ( % retained )	
50 mesh	0.0
70 mesh	1.5
100 mesh	18.7
140 mesh	55.4
200 mesh	22.3
270 mesh	2.0
Pan	0.1
A.F.S.	105

GRANULAR "RBM-P" RICHARDS BAY PRIME	
Chemical Analysis	
ZrO <sub>2</sub>	65.0 Min.
SiO <sub>2</sub>	32.5 Typ.
TiO <sub>2</sub> %	0.15 Max.
Al <sub>2</sub> O <sub>3</sub> %	0.12 Typ.
Fe <sub>2</sub> O <sub>3</sub> %	0.100 Max.
Th & U (ppm)	500 Max.
Typical Screen Analysis ( % retained )	
50 mesh	0.0
70 mesh	0.3
100 mesh	6.4
140 mesh	53.2
200 mesh	28.1
270 mesh	12.0
Pan	0.0
A.F.S.	118

GRANULAR "RBM-I" RICHARDS BAY PRIME	
Chemical Analysis	
ZrO <sub>2</sub>	65.0 Min.
SiO <sub>2</sub>	32.7 Typ.
TiO <sub>2</sub> %	0.30 Max.
Al <sub>2</sub> O <sub>3</sub> %	0.12 Typ.
Fe <sub>2</sub> O <sub>3</sub> %	0.15 Max.
Th & U (ppm)	500 Typ.
Typical Screen Analysis ( % retained )	
50 mesh	0.0
70 mesh	0.6
100 mesh	9.0
140 mesh	57.2
170 mesh	27.2
200 mesh	5.4
Pan	0.6
A.F.S.	112

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## GRANULAR ZIRCON SANDS PRODUCT SHEET (cont.)

SOUTHERN IONICS CALCINED	
Chemical Analysis	
ZrO <sub>2</sub>	65.0 Min.
SiO <sub>2</sub>	32.6 Typ.
TiO <sub>2</sub> %	0.21 Max.
Al <sub>2</sub> O <sub>3</sub> %	0.50 Typ.
Fe <sub>2</sub> O <sub>3</sub> %	0.050 Max.
Th & U (ppm)	390 Typ.
Zn (ppm)	<50 Typ.
Typical Screen Analysis ( % retained )	
50 mesh	0.0
70 mesh	0.0
100 mesh	0.0
140 mesh	5.4
170 mesh	60.6
200 mesh	33.0
Pan	1.0
A.F.S.	155