

**PRODUCT DATA SHEET**  
**WHITE FUSED ALUMINA**  
**A GRADE BALL MILLED SIZES**



**Chemical Analysis for 220F (by XRF)**

	Typical	Guaranteed
Al <sub>2</sub> O <sub>3</sub> (%)	99.6	≥ 99.0
SiO <sub>2</sub> (%)	0.08	≤ 0.13
Fe <sub>2</sub> O <sub>3</sub> (%)	0.02	≤ 0.20
TiO <sub>2</sub> (%)	0.01	≤ 0.02
Na <sub>2</sub> O (%)	0.18	≤ 0.30
CaO (%)	0.05	≤ 0.10

**Typical Physical Properties for 220F**

	Typical
Specific Gravity	0.3 g/cm <sup>-3</sup>
Bulk Density	1700 kg/m <sup>3</sup>

**Sieve Size Analysis**

Size	Sieve Size (in µm)				
	Guaranteed Distribution (cumulative wt %)				
	Typical Distribution (cumulative wt %)				
48# (non - cumulative)	<b>300 µm</b> ≤ 5 2	<b>180 µm</b> - 13	<b>106 µm</b> - 25	<b>+45 µm</b> - 29	<b>-45 µm</b> 25-40 31
100#	<b>180 µm</b> ≤ 5 3	<b>150 µm</b> ≤ 15 8	<b>125 µm</b> - 15	<b>106 µm</b> - 24	<b>75 µm</b> 35-42 39
0.2F	<b>212 µm</b> ≤ 1 0	<b>150 µm</b> ≤ 5 2	<b>75 µm</b> ≥ 15 24	<b>53 µm</b> ≥ 28 43	
120F	<b>212 µm</b> ≤ 10 0	<b>75 µm</b> 25-35 29			
220F	<b>250 µm</b> ≤ 1 0	<b>180 µm</b> - 0	<b>125 µm</b> - 2	<b>90 µm</b> - 7	<b>75 µm</b> ≤ 20 14
325F	<b>125 µm</b> ≤ 1 0	<b>75 µm</b> - 0	<b>45 µm</b> ≤ 10 5		

Other sizes are available on request.

**Other Information**

See [www.doral.com.au](http://www.doral.com.au) for Material safety data sheet  
 EINECS NO. 215-691-6  
 CAS NO. 1344-28-1

**Packing**

Standard packing is in 1 tonne bulk bags or 25kg multi-wall paper bags.

**Contact Details**

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