



Aluminum Oxide for Marine Gelcoats



Process facilities that set the world standard for engineered aluminum oxide powders, slurries and formulations

Standard Aluminum Oxides for Paint and Gelcoat Applications

Aluminum Oxide	Cut Rate	Haze	Surface Area m ² /g	Particle Size		Solids Content	pH(15%)
	10= Highest Cut	1= Low est Haze		D50(μm)	D100(μm)		
Fine Polish							
YL-12	2	1	30-40	0.9-1.2	≤10	29-31%	10.5--11.5
YL-17	3	2	20-30	1.9-2.1	≤20	29-31%	10.5--11.5
Good Cut/Fine Finish							
YL-8	5	3	20-30	2.5-3.5	≤25	Powder	10
YL-1	5	3	15-25	3.5-5	≤30	Powder	9--11
Rapid Cut/Good Finish							
YL-2	7	5	5-10	6.0-9.0	≤100	Powder	9--11
YL-19	6	4	20-30	7.5-8.5	≤90	29-31%	9.5-10.5
YL-3	7	4	10-15	9-12	< 100	Powder	9.0-11.0
High Cut							
YL-7	8	7	9-14	11-15	≤100	Powder	9.0-10.5
YL-4	7	8	5-10	15-18	≤100	Powder	8.0-10.0
YL-5	8	7	15-20	17-22	≤100	Powder	10

Let Demeter Technologies develop a custom aluminum oxide powder or slurry for your high performance polishing formulation

