

酸化チタン取り扱いメーカー 品質規格一覧

アーク株式会社

Supplier name	ZONTAI		Huiyun		Boom	
Product code	R-711	R-715	R-2021	R-668	R-760	R-730
Surface treatment	Si, Al	Si, Al	Si, Al	Zr, Al	Zr, Al	Zr, Al
Purity TiO ₂ %	≧92	≧98	≧93	≧93.5	≧94.0	≧93.5
Matter volatile at 105°C %	≦0.8		≦0.5	≦0.5	≦0.5	≦0.5
Hydrotrope %	≦0.5					
Residue on sieve 45 μm %	≦0.02	≦0.02				
Color compare with standard	Not lower than	Not less than the standard samples	Not less than the standard samples	Not less than the standard samples		
<ul style="list-style-type: none"> • Tinting Strength(TCS) • Tint-reducing power(Raynolds number) 	≧1800	≧1800	≧1850	≧2000	≧1900	≧2000
<ul style="list-style-type: none"> • PH of suspension, aqueous solution retained • PH of water suspension 	6.5-8.5	7.0-9.0	6.0-9.0	6.0-9.0	6.5-8.5	6.0-9.0
Oil absorption g/100g	≦21	≦18	≦20	≦20	≦19	≦17
<ul style="list-style-type: none"> • Resistivity of aqueous extract Ω·m • Resistivity 	≧80		≧80	>90		
<ul style="list-style-type: none"> • Rutile crystal form conversion % • Rutile Content 	≧97	≧97.5	≧96.5	≧98.5	≧98	≧98.5
Particle Size μm	0.22~0.28	0.22~0.30	0.28~0.32	0.28~0.32	0.30~0.32	0.28~0.30
<ul style="list-style-type: none"> • Lightness • Whiteness CIE L* % 	≧97.5	≧95	≧98	≧98	≧95.5	≧98

whiteness, lightness are better than 715

more yellow than R-711

2020 marketed

original garde

Entry grade

finer, whiter than R760