



TECHNICAL DATA SHEET

<u>Product:</u> AdTint Colour Charge		<u>Issue:</u> 04-21S
<u>Description:</u> Blend of iron oxide and carbon black*		
Typical Chemical Analysis	Units	Value
Total carbon*	%	49.8
Total iron as Fe ₂ O ₃	%	45.6
Matter volatile at 105°C	%	0.2
Acid insoluble matter	%	50.8
Loss on ignition at 1000°C	%	52.1
Water soluble salts	%	0.9
Typical Physical Properties	Units	Value
Loose bulk density	kg/litre	N/a
Compressed bulk density	kg/litre	0.9
Oil absorption	mls/100g	36
Specific gravity	-	3.2
pH of a 5% aqueous suspension	-	7 to 9
Residue on a 75 micron sieve	%	-
Residue on a 45 micron sieve	%	0.1
Maximum stable temperature	°C	180
Light resistance **	-	4
Alkali resistance**	-	5

* Carbon black is highly resistant to the effects of alkali and UV-light. However, when a cement or lime based product pigmented with carbon black is exposed to natural weathering the carbon particles may be eroded from the surface resulting in colour loss.

**on a scale of 1 to 5 (1 = poor, 5 = excellent)

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