



FM 10961

TECHNICAL DATA SHEET

Product: Shadeacrete Cardinal Red		Issue: 0502-10
Description: Red iron oxide		
Typical Chemical Analysis	Units	Value
Total iron as Fe ₂ O ₃	%	95.8
Matter volatile at 105°C	%	0.3
Acid insoluble matter	%	3.2
Loss on ignition at 1000°C	%	0.4
Water soluble salts	%	0.2
Typical Physical Properties	Units	Value
Loose bulk density	kg/litre	0.6
Compressed bulk density	kg/litre	0.9
Oil absorption	mls/100g	26
Specific gravity	-	5.0
pH of a 5% aqueous suspension	-	4 to 7
Residue on a 75 micron sieve	%	-
Residue on a 45 micron sieve	%	0.1
Maximum stable temperature	°C	500
Light resistance*	-	5
Alkali resistance*	-	5

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

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