



Data Sheet

**"OPTICHROME 45 (OI)"
CHROME FLOUR 325#**

DESCRIPTION :-

Finely milled chromite ore.

CHEMICAL ANALYSIS :-

Cr ₂ O ₃	:	45.0% (min)	Na ₂ O	:	0,01%
SiO ₂	:	2,69%	Ni	:	0,15%
Fe ₂ O ₃	:	26,41%	V	:	0,21%
Al ₂ O ₃	:	14,54%	Mn	:	0,16%
CaO	:	0,13%	P	:	0,001%
MgO	:	9,59%	S	:	0,01%
TiO ₂	:	0,59%	Cr : Fe	:	1,6

PHYSICAL PROPERTIES :-

Moisture	:	0.5% (Max)
Natural Colour	:	Dark Brown
pH	:	8,8
Bulk Density	:	1700 kg/m ³
S.G.	:	4.4 - 4.5
Hardness (Mohs)	:	5.0 - 5.5
Grading (wet screen)	:	Nil retained on 60# (250um) < 0,2% on 200# (75um)

USES :-

Green colourant in glass and ceramics. Refractory and foundry coatings.

Completed :	T Carolin	Approved By _____	Approved :	S. Gregory
Title:	Quality Manager		Title :	Director
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