

TECHNICAL DATA SHEET

VOXCO CHROME ZINC VO - ZC

Indicative Purpose Only
(1:1)

Physical data and fastness properties.		Test Method.
Colour Index No.	Pigment Yellow 36 (77 955)	---
Chemical name	Zinc Chrome / Zinc Chromate	---
Chemical composition	$K_2Cr_2O_4 \cdot 3ZnCrO_4 \cdot Zn(OH)_2$	---
Specific gravity	3.4 - 4.7	IS 33 -1992
Oil absorption	22 g/100g ($\pm 10\%$)	IS 33 -1992
Moisture content	Max. 1.0 %	IS 33 -1992
Residue on sieve (45 μm)	Max. 0.5 %	IS 33 -1992
Chemical Constants		
ZnO Content % by mass	36.5 to 40 %	IS 51 -1998
CrO ₃ Content % by mass	Min. 43 %	IS 51 -1998
K ₂ O Content % by mass	10 to 12 %	IS 51 -1998
Water Soluble Chromate Content	0.25 to 0.5 %	IS 51 -1998
Water Soluble Chlorides	Max 0.1 %	IS 51 -1998
Water Soluble Sulphate	Max 0.1 %	IS 51 -1998
Water Soluble Nitrate	Max 0.1 %	IS 51 -1998