

# TECHNICAL DATA SHEET

NAME: POPCO ZTO (ZINC TETRAOXY CHROMATE)

Rev. 2-110906

ITEM		SPECIFICATION
C.I.Name		PY-36
CAS No.		37300-23-5
Appearance		Yellow Powder
Oil Absorption (ml/100g)		40
Matter Soluble in Water (Max, %)		3.0
#325 Non Pass (Max, %)		1.0
Specific Gravity (H <sub>2</sub> O=1)		3.0
Resistance to Chemicals (scale 1~5)	Acid (5% HCl)	4
	Alkali (5% NaOH)	2-3
Resistance to Solvents (scale 1~5)	Water	5
	Ethanol	5
	D.O.P.	5
	Xylene	5
	M.E.K.	5
Light Fastness (scale 1~8)	Full Shade	7
	Tint Shade	6-7
Heat Resistance (scale 1~5)	150 °C x 10min	4
	210 °C x 10min	2-3
Purity (as ZnO, %)		67-72
(as CrO <sub>3</sub> %)		16-19
<b>REMARKS:</b>		
<b>Light Fastness;</b> 8:outstanding 7:excellent 6:very good 5:good 4:fair 3:rather poor 2:poor 1:very poor		
<b>Fastness to Chemical &amp; Solvent &amp; Heat;</b> 5:excellent 4:good 3:fairly good 2:moderate 1:very poor		