



GENERAL PRODUCT SPECIFICATION

Article	Values	Test Methods
Pigment Name and Code	Zinc Phosphate ZP-46	
Color Index	PW32	
Chemical Formula	$Zn_3(PO_4)_2 \cdot 2H_2O$	
Specific Gravity (g/cm ³)	3.4	ISO 787-10
Bulk Density(g/cm ³) \pm 15 %	0,4	ISO 787-11
Tamped Apparent Density(g/cm ³)	0.8	ISO 787-11
Oil Absorbtion (g/100 g) \pm 15 %	25	ISO 787-5
pH \pm 1	7	ISO 787-9
Moisture and Volatile Matter at 105°C max, %	1.0	ISO 787-2
44 μ Residue on Sieve max, %	0.5	ISO 787-7
Matter Soluble in Water max, %	0.5	ISO 787-3
Heat Stability, °C	160	ISO 787-21
Zinc content(based on the ignited test portion), Zn min, %	50.5 – 52	ISO 6745
Phosphate content(based on the ignited test portion), PO ₄ min., %	47 - 49	ISO 6745
Lightfastness (1-8 scale)	7	ISO 787-15

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