

## Technical Data Sheet

### V-11633s Pigment Green

C.I. Pigment Green 50

Cobalt Titanate Green Spinel

EINECS # 269-047-4

C.I. # 77377

CAS# 68186-85-6

V-11633s is a Cobalt Titanate Green.

It has excellent chemical resistance, outdoor durability, light fastness, heat stability and is non-bleeding And non-migratory. It is a all-purpose pigment, suggested applications include RPVC, Polyolefins, Engineering Resins. This pigment causes no warpage in injection-moulded or extruded parts - not even large ones. Its outstanding fastness ratings makes this pigment ideal y expedient for plastics resistant to both weathering and heat, notably for shading as well as for mass tone. It make it particularly suitable for Paints and Coatings including General Industrial, Coil and Extrusion coatings. Another field of application are architectural finishes, both water- and solvent-based.

#### PHYSICAL PROPERTIES

Specific Gravity (g/cm <sup>3</sup> )	3.70 (±0.1)
Oil Absorption (g/100 g)	24.0
Median size (µm)	1.0
Specific Surface (m <sup>2</sup> /g)	3.2
pH	7.0 – 9.5
Heat resistance	> 500 °C
Fastness to Light	> 7
Fastness to Weather	> 4
Sieve residue (325 mesh / 45 µm)	< 0.1 %
Moisture	< 0.5 %

#### TEST METHOD

DIN-ISO 787 part/Teil 10
DIN-ISO 787 part/Teil 5
HORIBA LA-950V2
DIN-ISO 787 part/Teil 9
DIN 54003
DIN 54001
DIN 53195
DIN-ISO 787 part/Teil 2

#### PRODUCT SPECIFICATION

	Tint Tone
DL*	+/- 0.8
Da*	+/- 0.8
Db*	+/- 0.8
DE*	max. 1.0
Colour strength	+/- 5 %



(In CIE Lab-units, tested according to Ferro test PVDF in comparison to standard quality. Il uminant D65, 10°, SCI)

We confirm that all batches of V-11633s shipped wil conform to the above Product Specification. Material may be shipped outside this specification only if agreed to by the customer.

Data or recommendations are based on laboratory preparation and/or testing samples; therefore they cannot be expected to fully duplicate commercial production or field performance. Final approval and acceptance should be based on appropriate production and service tests. Color chips are for reference only. Colors will appear differently in various formulations