

V-9117s Pigment Brown

C.I. Pigment Yellow 119

Zinc Ferrite Brown Spinel

EINECS # 269-103-8

C.I. #77496

CAS# 68187-51-9

V-9117s is a yellowish Zinc Ferrite. Its colour is comparable to iron oxide yellow.

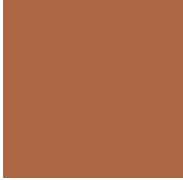
It has excellent chemical resistance, outdoor durability, light fastness, heat stability and is non-bleeding and non-migratory. It is a all-purpose pigment, suggested applications include RPVC, Polyolefins, engineering Resins. This pigment causes no warpage in injection-moulded or extruded parts - not even large ones. Its outstanding fastness ratings makes this pigment ideally expedient for plastics resistant to both weathering and heat, notably for shading as well as for masstone. 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 ³)	4,60 (± 0,1)	DIN-ISO 787 part/Teil 10
Oil Absorption (g/100 g)	20,0	DIN-ISO 787 part/Teil 5
Median size (µm)	0,6	Cilas Granulometer HR 850-B
Specific Surface (m ² /g)	5,7	
pH	5,5 - 7,0	DIN-ISO 787 part/Teil 9
Heat resistance	> 500 °C	
Fastness to Light	> 7	DIN 54003
Fastness to Weather	> 4	DIN 54001
Sieve residue (325 mesh / 45µm)	< 0,1 %	DIN 53195
Moisture	< 0,5 %	DIN-ISO 787 part/Teil 2

TEST METHOD

PRODUCT SPECIFICATION

	Mass Tone		Tint 1:4
DL*	+/- 0,8		+/- 0,5
Da*	+/- 1,4		+/- 0,5
Db*	- 0,9...1,0		+/- 0,6
DE*	max. 1,5		max. 0,93
Colour Strength			+/- 5,0 %

(In CIE Lab-units, tested according to Ferro test procedure (PVC) in comparison to standard quality. Illuminant D65, 10°, SCI)

We confirm that all batches of V-9117s shipped will 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.