

### Full Shade

### Product Description

Pigment preparation of inorganic and/or organic pigments and extenders.

RAL	8012
Appearance	Brown powder

### Technical Data

	Unit	Value	Test Method
Volatile matter (105 °C)	[% ]	max. 1.0	
Density	[g/cm <sup>3</sup> ]	typ. 4.7	acc. to ISO 787-10
Bulk volume	[l/kg]	typ. 1.7	
Oil absorption	[g/100g]	typ. 25	acc. to ISO 787-5

### Fastness Properties

	Value	Test Method
Acid	5	rating acc. to DIN EN ISO 105-A03
Alkali	5	rating acc. to DIN EN ISO 105-A03
Heat resistance [°C]	220	acc. to ISO 787-21
Weather fastness [full shade]	4 - 5	acc. to DIN EN ISO 16474-2/DIN EN ISO 20105-A02

Acid/alkali resistance: Pigment was dipped into hydrochloric acid (10%) or soda solution (10%). Rating with gray scale: 1=poor, 5=excellent.

Heat resistance: Tested in alkyd/melamine system.

Weather fastness: Tested in water based automotive system. Rating with gray scale after 1000 h accelerated weathering: 1=poor, 5=excellent.

### Application Profile

Solvent based coatings	+++
Water based coatings	++
Powder coatings	

+++ Excellent choice

++ Good choice

+ Possible choice

### Packaging and Handling

Packaging	25 kg paper bags
Packaging	Different types of packaging are available on request

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