1/1 B=1/6

Characteristics	
C. I.	Pigment Red 2
C. I. No.	12 310
CAS No.	6041-94-7
Chemical class	Organic pigment

Physical Properties	
Content of pigment [%]	43
Content of solids [%]	53
Specific gravity [g/cm3]	1,18
pH	6-9

Fastness	
Light - Full Shade (1/1)	6-7
Light - B=1/6	4-5
Resistance to acids	5
Resistance to alkali	5

Application Possibilities	
Paints based on polymer dispersions of - Polyvinylacetate	●
Paints based on polymer dispersions of - Acrylate	●
Paints based on polymer dispersions of - Alkyde	●
Wood stains	●
● main application	○ using under certain conditions

Testing methods

- Pigment preparations **Versanyl** are standardised in colour strength and colour shade. These properties are tested on the level of standard depth B = 1/6 by mixing of pigment preparation with the paint BALAKRYL V 2045/0100. Difference in colour strength ± 5 % is guarantined.
- **Content of pigment**
  is tested by centrifuge method, small variability against the average value in the table is allowed, the value is not guarantined, because of garancy for colour strength.
- **Content of solids**
  2 g of pigment dispersion was dryed in the lab oven at 105 °C till the constant weight. The value is not guaranteed, because it of garancy for colour strength.
- **Specific weight**
  determined by pycnometric method. It depends on content of pigment
- **pH**
  is determined by measuring of 4 % solution in destilled water. It depends on content of pigment
- **Lightfastness - Xenotest**
  determined by ČSN EN ISO 105-B02; 2000 (80 0147) in deep shade paint and in the level of standard depth B = 1/6, evaluated according to blue scale, by it degree 1 denotes the lowest fastness, degree 8 the highest one.
- **Resistance to alkalis and acids**
  1,5 cm wide strips of draw downs at standard depth B = 1/3 were immersed with the dwell time of 5 min. in 2 % solution of caustic soda or 5 % hydrochloric acid, then washed and dryed. The change of the shade was evalued against the not immersed draw down by ISO - Grey scale. Degree 1 denotes the lowest fastness, degree 5 the highest one.

Synthesia, a.s., Pardubice, Semtín 103, post code 530 02, Czech Republic
Identification number: 60108916 • VAT: CZ 699008164
Enlisted in Commercial Register administered by the Regional Court in Hradec Králové, dep. B, entry 1031
phone: +420 466 821 111 • www.synthesia.eu • e-mail: synthesia@synthesia.eu