

1/1

B=1/6

### Characteristics

|                |                 |
|----------------|-----------------|
| C. I.          | Pigment Red 146 |
| C. I. No.      | 12 474          |
| CAS No.        | 5280-68-2       |
| Chemical class | Organic pigment |

### Physical Properties

|                                       |      |
|---------------------------------------|------|
| Content of pigment [%]                | 28   |
| Content of solids [%]                 | 39   |
| Specific gravity [g/cm <sup>3</sup> ] | 1,11 |
| pH                                    | 6-9  |

### Fastness

|                          |     |
|--------------------------|-----|
| Light - Full Shade (1/1) | 4-5 |
| Light - B=1/6            | 3-4 |
| 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  $\pm 5\%$  is guaranteed.
- **Content of pigment**  
is tested by centrifuge method, small variability against the average value in the table is allowed, the value is not guaranteed, because of garancy for colour strength.
- **Content of solids**  
2 g of pigment dispersion was dried 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 distilled 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 dried. The change of the shade was evaluated against the not immersed draw down by ISO - Grey scale. Degree 1 denotes the lowest fastness, degree 5 the highest one.