





## Pigment Red 48:2

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Full shade	White reduction	Product name C.I.Index C.I.Const Chemistry	Features	HDPE			PVC			Application								
				Heat resistance	Fastness to migration	Light Fastness FS/WR	Weather fastness	Warping in HDPE	Fastness to migration	Light Fastness FS/WR	Weather fastness	Polyolefins (PP/HDPE/LDPE/LLDPE)	PVC	PUR	Engineerings	Styrenics	Elastomer&Rubeer	Fiber ( PE/PP/PA )
		Pfast red BBC PR 48:2 C.I.15865:2 BONA-Lake(Ca)	Transparent blue shade high saturation and color strength films and fibers	260	5/nt	7/7	nt	low	5/nt	7/6	nt	●	●	●	-	○	●	-

### Explanation of Data

#### Color shade

Full shade: based on a shade concentration of 0.2% pigment. White reduction: use standard depth 1/3 (SD 1/3) as white reduction, based on the respective pigment concentration to achieve 1/3 ISD based on 5% TiO<sub>2</sub>

#### Heat resistance

Resistance to heat was tested according to DIN 12877 at SD 1/3 with 1 % titanium dioxide in the injection molding process. The values quoted are the temperature in ° C at which, after a dwell time of 5 min, a color change equivalent to a  $\Delta E^*ab = 3$  (DIN 6174) is obtained.

#### Light fastness (HDPE and PVC-p)

Light fastness was determined using Xenon lamp exposure tests in accordance with the equivalent test methods ISO 4892-2. The samples were assessed against the 1–8 Blue Wool Scale which 8 denoting the highest light fastness.

#### Fastness to migration

Migration resistance was determined in accordance with DIN 53775 by direct contact between the colored test sheet and a white, flexible PVC contact sheet. assessed using the ISO 105-A03 grayscale (GS) for assessing staining, with GS 5 denoting no migration

#### Weather resistance (HDPE and PVC-p)

Weather resistance was determined using Xenon light exposure tests in accordance with the equivalent test methods ISO 4892-2, assessed using the ISO 105grayscale (GS) for assessing staining which 5 denoting no migration

#### Warping (HDPE)

Influence on the warping tendency of injection-molded HDPE articles was determined in accordance with ISO 294-4/ASTM D955. assessed using low, high, nt(not tested)

#### Application

- Suitable ○ Limited suitability - Not suitable nt Not tested

\*Specific information available on request

The information included here is based on our knowledge and experience. Since the performance of a pigment also depends on the additives and polymers used, we recommend that customers should test the suitability of the pigment and determine the suitability for their own particular purpose. Material Safety Data Sheets are available upon request. For additional information, please contact us at info@additivesforpolymer.com.