



Dongguan Baoxu Chemical Technology, Ltd.

P:+86-0769-22821082 Fax:0769-22821083

Email:info@additivesforpolymer.com Web:www.additivesforpolymer.com

Room1118 Caijin Business Building Nancheng Distinct Guangdong Province China

---

## Pigment Red 177

### summary

**Pigment Red 177** is a halogen-free blue shade pigment red, has good transparency, and is compatible with molybdenum-chromium red to obtain bright red color, and has good light resistance and weather resistance.

PR177 has good heat resistance, 270 to 280 °C in PE, and heat resistance is significantly reduced when the pigment concentration is less than 0.1%. It is suitable for general polyolefin plastic coloring, bleeding resistance is not good in soft PVC, also suitable for polypropylene, nylon 6 fiber pre-spinning.

PR177 is excellent in light and weather resistance, high in transparency, and widely used in automotive paint motorcycle paint.

### Chemistry

#### Chemical parameter

The index number	PR-177
CAS number	4051-63-2
CI structure number	65300
EC registration number	223-754-4
Chemical category	Moss
Hue	Blu-ray red
Molecular mass	444
Molecular formula	C <sub>28</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>
Pigment performance	
Heat resistance	300°C
Lightfastness	Level 8
Acid resistance	Level 5
Alkali resistance	Level 5
Oil absorption	45
Solvent resistance	Level 5

---

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



Dongguan Baoxu Chemical Technology, Ltd.

P:+86-0769-22821082 Fax:0769-22821083

Email:info@additivesforpolymer.com Web:www.additivesforpolymer.com

Room1118 Caijin Business Building Nancheng Distinct Guangdong Province China

---

Migration resistance	Level 5
Occlusion	Highly transparent
Halogen content (%o)	0

---

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.