



## Introduction of Perylene Pigments

Perylene pigments come in a wide range of hues, including red, Bordeaux, violet, brown and black shades. The pigments exhibit high chemical resistance, superior thermal stability, excellent solvent stability, very good migration stability in plastics, and fastness to overcoating in paints, as well as excellent light fastness and weather fastness. They offer high tinctorial strength at a higher level than quinacridone pigments.

Most perylene pigments are used in high-grade industrial paints, especially in OEM and automotive refinish coatings. Some types are particularly well suited to use in plastics and in spin dyeing products, in which they demonstrate outstanding heat stability.

**Trust Chem has developed the following perylene pigments**

 TCR12301

 TCR14901

 TCR17901

 TCR17902

 TCV02901

 TCBK03201

TCR12301 is a perylene pigment red 123 with a medium to dark blue hue that offers high weather fastness and good resistance to organic solvents. It is mainly used in coatings and textile applications.

TCR14901 is a highly transparent, yellow-hued perylene pigment red 149 with high color strength and good fastness, suitable for a wide range of engineering polymers.

PR179 is the most significant member of the perylene family, primarily used in high grade industrial coatings, especially for OEM and automotive refinish coatings. PR179 demonstrates excellent weather fastness. Trust Chem has developed two grades, TCR17901 and TCR17902. TCR17901 is a highly transparent grade with a bluish tinge while TCR17902 is a transparent grade with a yellowish tone.

TCV02901 is a semi-transparent perylene pigment violet 29 with a reddish shade that offers high color strength and an outstanding performance. It is suitable for plastics applications.

TCBK03201 is a NIR transparent perylene pigment black 32 with good durability and heat resistance, suitable for special coatings applications.

