

## 23504 Marron, finest

Pigment Red 179

Marron, ultrafine is a highly transparent, high-color pigment Red 179. It is very easy to disperse.

Marron, finest is very good to excellent light and weather fastness. In HD-PE, this pigment is stable up to 300°C. In other thermoplastics, such as PS series, PA, PMMA, PC, PETP, partial solubility occurs during injection molding, which may be noticeable by color change.

Marron, fine is plasticizer resistant and is also very well suited for the adjustment of highly true colors in rigid and flexible PVC. Combinations with opaque red pigments are particularly suitable here.

Marron, fine is also suitable for use in polyolefin injection molding for high-quality articles (bottle crates, automobiles).

Due to its warm maroon tone and high transparency, Marron, ultrafine is particularly suitable for spin dyeing.

### Application

Marron, ultrafine is particularly suitable for the following thermoplastics / applications:

- HD-PE injection molding
- rigid and flexible PVC
- PP and PA spin dyeing
- MMA casting resins

### Chemical properties

Density: 1,54 g/cm<sup>3</sup>

Bulk volume: 3.1 l/kg

Coloristic in PVC-P in TiO<sub>2</sub> brightening

Brightening ratio 1/3 ST 8.3

Coloration equivalent 100

Tint angle 17,5

Chroma (shade unit) 40.9

Dispersion hardness 25 (Collin mill)

Thermostability in HDPE

0.20 % / 1:20 TiO<sub>2</sub> 300 / 300

PP + PA spin dyeing suitable

Weather resistance in HDPE

0.20 % / 1:10 TiO<sub>2</sub> 5 / 3 - 4

Migration

PVC-P 5