

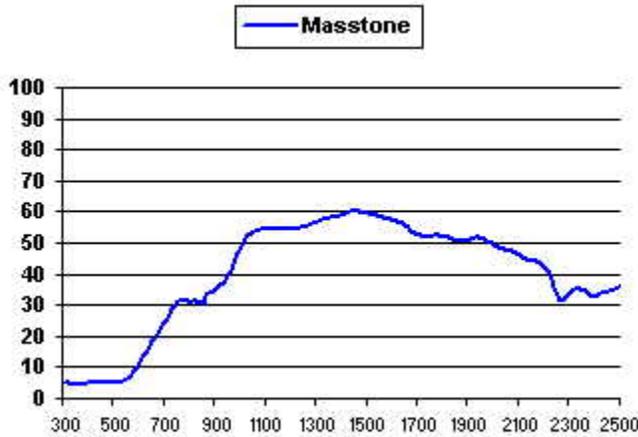


**Brown 12**  
 CI Pigment Brown 33  
 Zinc Iron Chromite  
 Brown Spinel

A dark, red brown powder produced by high temperature calcination. This pigment has fair UV and visible opacity, is chemically inert, heat resistant, and stable to ultraviolet light. It is non-bleeding and non-migratory. It has exceptional durability, and is generally used in applications where resistance to heat, light, and weather are needed. It is compatible with most resin systems and polymers, and is non-warping

[Product Information](#)

**Reflectance**



[Visible Only](#)    [300-2500 nm](#)

Revision Date:	Apr-01-2002
Specific Gravity	5.1
Oil Absorption	17 kg/100 kg
Residue 325 mesh [44 µm]	0.06 wt%
Average Particle Size	0.5 µm
pH	6.7
Heat Stability	750 °C
Conductivity	325 µS/cm
Percent Moisture	0.2 wt%
Crystal Structure	spinel x-ray
Lightfastness	8 (1-8)
Weatherability	5 (1-5)
Acid Resistance	5 (1-5)
Alkali Resistance	5 (1-5)
Bulk Density	0.58 kg/L