



The Shepherd Color Company  
We Brighten Lives



# DYNAMIX

TDS #420  
Revision 1  
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## Brown 30C888

(Easy Dispersing Grade)  
C.I. Pigment Brown 33  
CAS # 68186-88-9\*

**DESCRIPTION:** A reddish brown powder produced by high temperature calcination. This pigment has excellent 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 hiding power, 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. Typical applications (non inclusive) are coatings and other applications where equivalent pigment chemistry is used.

**COMPOSITION:** Iron, Chromium, Zinc and Titanium

| Physical/Chemical Property | Typical Value | Units                          | Test Method+ |
|----------------------------|---------------|--------------------------------|--------------|
| Specific Gravity           | 4.9           | n/a                            | SCTM 312     |
| Loose Packing Density      | 8.3<br>1.0    | lbs./gal<br>kg/L               | SCTM 194     |
| Surface Area (BET)         | 3.5           | m <sup>2</sup> /g              | SCTM 153     |
| Percent Moisture           | 0.2           | wt. %                          | SCTM 248     |
| Mean Particle Size         | 1.0           | microns                        | SCTM 183     |
| Conductivity               | 65            | μS/cm                          | SCTM 142     |
| Oil Absorption             | 9             | parts oil/100<br>parts pigment | SCTM134      |
| pH                         | 4.8           | n/a                            | SCTM 101     |
| Residue 325 Mesh           | 0.02          | wt. %                          | SCTM 135     |
| Heat Stability             | 1500<br>800   | °F<br>°C                       | Observed     |

+SCTM refers to Shepherd Color Testing Method

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