



The Shepherd Color Company  
We Brighten Lives

# TECHNICAL DATA SHEET

TDS #099  
Revision 7  
Page 1 of 1

## VIOLET 11C

C.I. Pigment Violet 16  
CAS # 10101-66-3\*

**DESCRIPTION:** A red-violet powder produced by a high temperature precipitation process giving a non-migrating and non-bleeding pigment. It has fair heat stability but poor exterior durability. Typical applications (non inclusive) are cosmetics (especially those intended for use around the eye), external use drugs, and other applications where equivalent pigment chemistry is used.

**COMPOSITION:** Manganese ammonium pyrophosphate

| Physical/Chemical Property | Typical Value | Units                          | Test Method+ |
|----------------------------|---------------|--------------------------------|--------------|
| Specific Gravity           | 2.7           | n/a                            | SCTM 312     |
| Loose Packing Density      | 2.5<br>0.30   | lbs./gal<br>kg/L               | SCTM 194     |
| Surface Area (BET)         | 2.4           | m <sup>2</sup> /g              | SCTM 153     |
| Percent Moisture           | 0.4           | wt. %                          | SCTM 248     |
| Mean Particle Size         | 3.1           | microns                        | SCTM 348     |
| Conductivity               | 700           | μS/cm                          | SCTM 142     |
| Oil Absorption             | 21            | parts oil/100<br>parts pigment | SCTM134      |
| pH                         | 3.8           | n/a                            | SCTM 101     |
| Residue 325 Mesh           | 0.02          | wt. %                          | SCTM 135     |
| Heat Stability             | 525<br>275    | °F<br>°C                       | Observed     |

+SCTM refers to Shepherd Color Testing Method

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