



The Shepherd Color Company  
We Brighten Lives

# TECHNICAL DATA SHEET

TDS #098  
Revision 8  
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## VIOLET 11T

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 toning clear and white resins to mask yellowing 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	lbs./gal	SCTM 194
	0.30	kg/L	
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 parts pigment	SCTM134
pH	3.8	n/a	SCTM 101
Residue 325 Mesh	0.02	wt. %	SCTM 135
Heat Stability	525	°F	Observed
	275	°C	

+SCTM refers to Shepherd Color Testing Method

Issued by: Brian Schwer-Technical Manager Issue Date: December 4, 2015

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