

## Gauge Repeatability and Reproducibility Report

Part No. & Name: Tint Pastes Gauge/Equip.: Drawdown Machine  
 Parameter/Characteristic: Colour: Delta E CMC ID No:  
 Specification: 1.5 Type:  
 Study Date: Feb. 1, 2008

From data sheet :  $R = 0.14$   $X = 0.04000$   $R_p = 0.15$   
 diff

Measurement Unit Analysis			% Total Variation (TV)	
Repeatability - Equipment Variation (EV)			% EV = 89.76	
EV = 0.64				
			Trials	K
			2	4.56
Reproducibility - Appraiser Variation (AV)			% AV= 4.31	
AV = 0.03			n = number of parts r = number of trials	
			Appraisers	K
			2	3.65
Repeatability & Reproducibility			% R&R= 89.86	
R&R = 0.64			Parts	K
			2	3.65
Part Variation (PV)			3	2.7
			4	2.3
PV = 0.31			5	2.08
			6	1.93
Total Variation (TV)			7	1.82
			8	1.74
TV = 0.71			9	1.67
			10	1.62