

## Cleanability & Wear

### 1. Test Standard

#### 1.1 Test Method

ANSIZ Z124 5.12 "Cleanability and Wear Test"

#### 1.2 Test Procedure

- 1) Three specimens are mounted in test fixture and the specimens are cycled for 20,000 using IAMPO Z124 compliant hog bristle brushes and standard abrasive slurry flowing at 3.0ml/min
- 3) Once the abrading cycles are complete, the specimens where rinsed and allowed to dry for 1 hour.
- 4) White reflectance reading is taken at three locations per specimen.
- 5) Then 10 grams of standard dirt is applied to the scrubbed area when a dampened chamois.
- 6) After 1 hour, the dirt is removed with standard detergent and the white reflectance reading is taken again.
- 7) If the average absolute percentage loss of white-light reflectance is greater than 2%, the specimens will be given an additional rubbing with a clean, dampened chamois.
- 8) The abrasive slurry for approximately 50 cycles, rinse in warm water and allow to dry.
- 9) The white-light reflectance will be determined again for each specimen

#### 1.3 Performance Requirement

Each specimen shall not lose more than 5% white-light reflectance after being cleaned with liquid cleanser and not more than 2% white-light reflectance after additional cleansing with abrasive cleaner

### 2. Test Result

Specimen		Scrub Average	Dirt Average	% Loss (5% Max)	Pass or Fail
Cleaned by Liquid Cleanser	L1	88.47	85.87	2.94%	Pass
	L2	88.44	86.55	2.14%	Pass
	L3	88.42	86.58	1.97%	Pass
Specimen		Scrub Average	Slurry Average	% Loss (2% Max)	Pass or Fail
Additionally Cleaned with Abrasive Cleaner	P1	88.47	87.82	0.73%	Pass
	P2	88.44	88.05	0.44%	Pass
	P3	88.42	87.84	0.66%	Pass

**Result: Pass**

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