Specification

01 Testing Report_HIC Discoloration Testing_As Per MIL-I-8835

- Sample testing date: 15-01-2021
- Testing device: Italy ACS constant temperature and humidity test chamber
- Testing requirements: Conduct discoloration test on the sample according to MIL-I-8835
- Test method: Test the sample using the dynamic test method required in MIL-I-8835: Hang the sample in a test chamber that can control air flow and relative humidity, and the change in color on the surface of the indicator card can be seen from the observation port of the chamber. Hang the sample in the air for 1h under the condition of temperature of (23±1)°C, the flow rate of (8±0.2)L/min and relative humidity (5±1)% lower than the indicated value of the surface. After the test, check the color on the surface. If it is not blue, it should be rejected. Hang the sample in the air for 1h, under the condition of the same temperature and air flow rate, and relative humidity (5±1)% higher than the indicated value of the surface. If it is not pink, it should be rejected.

02 Test Results

	HIC Dot Value (%)						**Discoloration**	**Determination**
Relative Humidity	10%	20%	30%	40%	50%	60%		
5%	Blue	Blue	Blue	Blue	Blue	Blue	HIC Dots - Colour Changes	OK
10%	Purple	Blue	Blue	Blue	Blue	Blue		
15%	Pink	Blue	Blue	Blue	Blue	Blue		
20%	Pink	Purple	Blue	Blue	Blue	Blue		
25%	Pink	Pink	Blue	Blue	Blue	Blue		
30%	Pink	Pink	Purple	Blue	Blue	Blue		
35%	Pink	Pink	Pink	Blue	Blue	Blue		
40%	Pink	Pink	Pink	Purple	Blue	Blue		
45%	Pink	Pink	Pink	Pink	Blue	Blue		
50%	Pink	Pink	Pink	Pink	Purple	Blue		
55%	Pink	Pink	Pink	Pink	Pink	Blue		
60%	Pink	Pink	Pink	Pink	Pink	Purple		
65%	Pink	Pink	Pink	Pink	Pink	Pink		

03 Picture


10%
20%
30%
40%
50%
60%
DANGER IF PINK
CHANGE DESICCANT
Read at
Lavender Between
Pink & Blue