



Durasign Brand Solutions Pvt. Ltd.

Gat, No. 1570 ,Shelar Vasti , Chikhali -Dehu Road , Pune - 411062, Maharashtra, India

Web : www.durasign.in

UV Light Accelerated Weathering Test

Test Details

Customer Name	Tirth agro Technology Pvt.Ltd.		
Part No.	TA01744PM,TA01724PM,D1003,D1004,D1001		
Start Date:	04/01/2022	End Date:	07/02/2023

Testing Condition

Test Name	UV Light Accelerated Weathering Test
Testing Standard	BS-4781
Equipment Name	UV Light Accelerated Weathering Tester
Light Used	UV B Lamps
Irradiance	Irradiance: 0.77, BPT Temp. 50° C, Cycle Time: 4 Hr.
Water Spray	Cycle Time: 5 Minutes
Condensate	BPT Temp. 50° C, Water Temp. Cycle Time: 4 Hr.
Total Testing Hours	1000 Hrs.

Test Result after 1000 Hrs.

Accelerated Weathering Test	Instrument Used	Observation					Result
		TA01744PM	TA01724PM	D1003	D1004	D1001	
Color Difference (ΔE & Different Illumination)	Spectrometer	0.8%	0.9%	0.8%	1.0%	0.9%	Pass
	Color asses. Cabinet	Ok	Ok	Ok	Ok	Ok	Pass
Freedom from Cracking	Visual	Ok	Ok	Ok	Ok	Ok	Pass
Freedom from Chalking	Visual	Ok	Ok	Ok	Ok	Ok	Pass
Freedom from Flaking	Visual	Ok	Ok	Ok	Ok	Ok	Pass
Freedom from Blistering	Visual	Ok	Ok	Ok	Ok	Ok	Pass
Freedom From Corrosion	Visual	Ok	Ok	Ok	Ok	Ok	Pass

Before



After



Tested By:
(Sr.Quality Engg.)

Approved By:
(Quality Manager)