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Innovation Institute

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Petroleum Products & Automotive Research Department

REPORT ADDENDUM

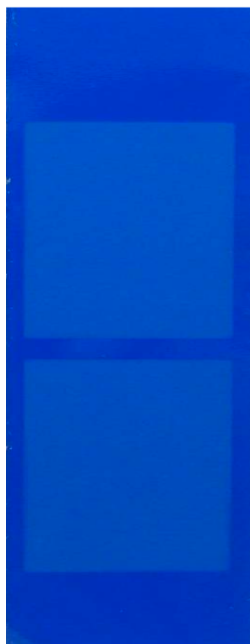
The Comparison of CIELAB ΔE Values of the Samples

CIELAB ΔE Values of the Samples			
A-IMP-BLUE	B-TIS2753-BLUE	CoolMate-CITI BLUE	CoolMate-NEXG-BLUE
20.3	12.8	9.1	8.3
A-IMP-GREEN	B-TIS2753-GREEN	CoolMate-LEAF GREEN	
15.2	12.0	8.9	
A-IMP-GREY	B-TIS2753-GREY	CoolMate-LOFT GREY	B-CB-GREY PHSG
8.4	9.2	7.6	7.7
A-IMP-BROWN	B-TIS2753-BROWN	CoolMate-WOOD BROWN	
13.8	12.6	10.8	

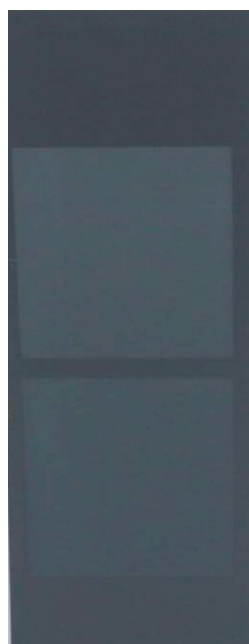
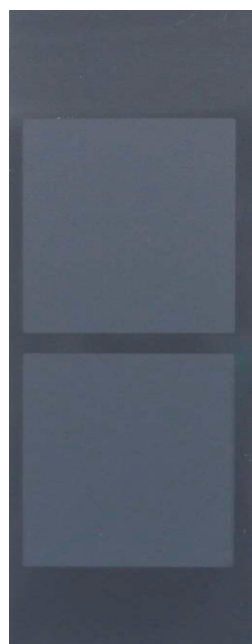
Test Condition

Test Item	Accelerated weathering test by QUV
Test Method	ASTM G154-16 Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
Cycle	Cycle 5
Lamp	UVB-313
Typical Irradiance	0.62 W/(m ² .nm)
Exposure Cycle	20 hours UV at 80 (± 3) °C Black Panel Temperature; 4 hours Condensation at 50 (± 3) °C Black Panel Temperature
Exposure Duration	500 hours

This certificate of analysis is referred to only submitted sample(s). It is your responsibility to use herein results in any purposes. This certificate shall not be reproduced, except in full, and herein results shall not be used for advertising or public relation without the written approval of the Specialist or Vice President.

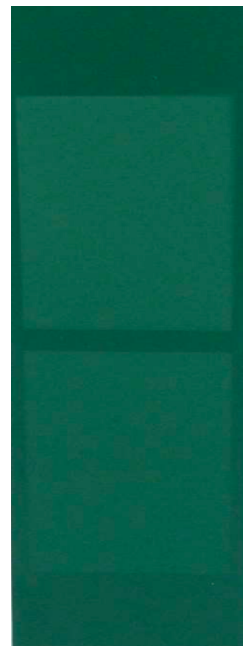


A-IMP-BLUE	B-TIS2753-BLUE	CoolMate CITI BLUE	CoolMate - NEXG - BLUE
$\Delta E = 20.3$	$\Delta E = 12.8$	$\Delta E = 9.1$	$\Delta E = 8.3$



A-IMP-GREY	B-TIS2753-GREY	CoolMate LOFT GREY	B-CB-GREY PHSG
$\Delta E = 8.4$	$\Delta E = 9.2$	$\Delta E = 7.6$	$\Delta E = 7.7$

(ค่า ΔE น้อยกว่า = ดีกว่า)



A-IMP-GREEN	B-TIS2753-GREEN	CoolMate - LEAF GREEN
$\Delta E = 15.2$	$\Delta E = 12$	$\Delta E = 8.9$



A-IMP-BROWN	B-TIS2753-BROWN	CoolMate - WOOD BROWN
$\Delta E = 13.8$	$\Delta E = 12.6$	$\Delta E = 10.8$

(ค่า ΔE น้อยกว่า = ดีกว่า)