

## DATA SPREADSHEET/COMPARISON



Exclusive to CPP in SA

### 5 Year Material Warranty

### 10 Year Material Warranty

High Gloss, low level of orange peel effect

Virtually invisible, Self-Healing top coat against minor scratches & resistant against stains such as bird droppings, permanent marker, sap, bug splatter. Low-level of yellowing, High Gloss,

Properties	Typical Values	Unit of Measure	Test Method
<b>PHYSICAL</b>			
Topcoat	0,5	mil + 5 %	
Film	5,5		
Adhesive	1,6		
Liner	3		
<b>PEEL ADHESION</b>			
Initial Peel	6.2 N/cm	1 hr @ RT	TSM7505G
Normal State	8.35 N/cm	7 days @ RT	
After Heat Age	21.3 N/cm	16 days @ 80°C	
After Water Immersion	11.6 N/cm	400 hrs @ 40°C	
After Accelerated Weathering	18.5 N/cm	1000 hrs	
<b>GLOSS</b>	>95 %	20 Degrees	BS EN ISO 2813
<b>AGING TEST (APPEARANCE)</b>			
Heat Age	Pass-No Detrimental Effect	16 days @ 80°C	TSM7505G
Water Immersion	Pass-No Detrimental Effect	400 hrs @ 40°C	
Post Xenon Weathering	Pass-No Detrimental Effect	1000 hrs (41 Days)	
Outdoor Exposure	Pass-No Detrimental Effect	FL Exposure - 1 yr	
Boiling Water Resistance	Pass-No Detrimental Effect	5 min in Boiling Water	
<b>STONE CHIP RESISTANCE - GRAVELOMETER</b>	Pass-No Detrimental Effect	Chipping ratings per SAE	ASTMD3170
<b>MECHANICAL</b>			
Ultimate Strength @ Break	66.7 Mpa	Test Rate: 1.0 mm/min	ASTMD638-95
Modulus	58.4 Mpa		
Tensile Elongation @ Break	420,70%		
<b>SOLVENT TESTING</b>			
Water & Soap Spotting	No Detrimental Effect	Immerse for 30 min. Check in 24 hrs for change	
Acid Spotting	No Detrimental Effect		
Salt Spray Resistance	No Detrimental Effect		
Gasoline	No Detrimental Effect		

Properties	Typical Values	Unit of Measure	Test Method
<b>PHYSICAL</b>			
Topcoat	0,5	mil + 5 %	
Film	6		
Adhesive	1,6		
Liner	2.0		
<b>PEEL ADHESION</b>			
Initial Peel	5.6 N/cm	1 hr @ RT	TSM7505G
Normal State	7.53 N/cm	7 days @ RT	
After Heat Age	17.6 N/cm	16 days @ 80°C	
After Water Immersion	10.2 N/cm	400 hrs @ 40°C	
After Accelerated Weathering	14.6 N/cm	1000 hrs	
<b>GLOSS</b>	>96 %	20 Degrees	BS EN ISO 2813
<b>AGING TEST (APPEARANCE)</b>			
Heat Age	Pass-No Detrimental Effect	16 days @ 80°C	TSM7505G
Water Immersion	Pass-No Detrimental Effect	400 hrs @ 40°C	
Post Xenon Weathering	Pass-No Detrimental Effect	1000 hrs (41 Days)	
Outdoor Exposure	Pass-No Detrimental Effect	FL Exposure - 1 yr	
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Tensile Elongation @ Break	420,70%		
<b>SOLVENT TESTING</b>			
Water & Soap Spotting	No Detrimental Effect	Immerse for 30 min. Check in 24 hrs for change	
Acid Spotting	No Detrimental Effect		
Gasoline	No Detrimental Effect		
Lacquer Thinner	No Detrimental Effect		
Enamel Reducer	No Detrimental Effect		