

CRTM CHROME

The Beauty of Chrome . . . *Without* the Problems

CR Chrome
featured on body
side cladding of
GMC Envoy



CR Chrome from Dorrie International is a stand-alone, weather-protected exterior decorative material that incorporates *real chrome* and a clear, nonyellowing protective film. Versatile and light in weight, CR Chrome can be made to bond to a wide range of substrates, including polypropylene, TPOs, TPEs, ABS, PVC and EPDM rubber.

CR Chrome's Advantages

- Will not corrode, even if penetrated
- Does not require encapsulation, saving users the expense of an extra extruder
- Does not need edge protection to prevent separation, eliminating the hazards of end-dipping materials

Suggested Applications

- Fascia inserts
- Body side molding
- In-mold decoration
- Wheel well trim



DORRIE

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Testing under a number of OEM specifications verifies this material's outstanding performance.

<u>Properties</u>	<u>Specification Reference</u>	<u>Minimum Requirement</u>	<u>Measured Performance</u>
Heat/Humidity Freeze Cycle	Ford ESB-M15P8-A	No deterioration, discoloration, wrinkling or separation	Passes test
Water Immersion (240 hrs.)	Ford ESB-M15P8-A	No deterioration, discoloration, wrinkling or separation	Passes test
Gardner Impact (Frozen & Ambient)	Ford ESB-M15P8-A	No evidence of cracking, loss of adhesion or other failure	Passes test
Inst. Low. Vel. Impact (Frozen & Ambient)	Ford WSB-M99D61-A2/ ASTM D-3763	Must demonstrate ductility vs. a standard	Ductile vs. Std.
Water-Salt Spray-Humidity-C.A.S.S.-Thermal Shock Cycle	Ford ESB-M15P30-A	No evidence of corrosion, delamination or surface degradation	Passes test
Adhesion (Method B)	Ford ESB-M5P10-A	No flaking or chipping of the metallized coating	Passes test
Chip Resistance (Gravelometer) Frozen/Ambient	Ford ESB-M5P10-A	Min. rating of 7B per SAE J400	Passes test
Thermal Shock	Ford ESB-M2P105-D5	No blistering or loss of adhesion	Passes test
Resistance to Acid Spotting	Ford ESB-M2P105-D5	Max. discoloration rating of 4 (AATCC)	No discoloration
Resistance to Cold Impact	Ford WSB-M99D61-A2	No shattering or breaking (i.e. fissure through full thickness)	Passes test
Shock Test	Ford WSB-M99D61-A2	No loss of adhesion	No loss of adhesion
Weathering (Xenonarc Weatherometer)	SAE J1960	Delta E values < 3.4	Passes test
Scuff Resistance (Taber Abrader)	Ford ESB-M2P105-D5	No surface cracks transverse to the direction of motion	Passes test
Oil & Gasoline Resistance	Ford ESB-M2P105-D5	No blistering, loss of adhesion, color change or dulling	Passes test
Road Asphalt Stain Resistance	Ford WSK-M4D698-A1/A7	Max. Delta E value of 1.5	Passes test
12/24 Mo. Florida	Ford FLTM BI 160-01 SAE J1545	No visible deterioration	Passes test
Cold Flexibility	Ford ESB-M2P105-D1/D9	No cracking	No cracking



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