3M[™] Exterior Trim Film

Description:

3M[™] Exterior Trim Film (ETF) provides a metallic or high- gloss black finish on plastic exterior trim parts, replacing formed metal, chrome-plated plastic or painted parts. Various trim level grades can be offered on one vehicle exterior without changing the base part design.

Value Opportunity:

3M ETF provides a consistent finish on parts made from various base materials (ABS, TPO, PVC) and manufacturing processes (co-extrusion, in-mold decoration and dual vacuum thermoforming).

Technical Benefits:

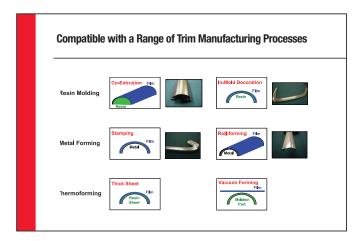
- Model differentiation different finishes can be applied to the same base components
- · Reduction in chrome plating operations in the plant
- Lower weight compared to metal parts
- Lower cost compared to metal parts



Development Stage:

No Samples		Prototyping		Samples Available		Product Available
Scouting	ldea	Concept	Feasibility	Development	Scale-Up	Launch
Corporate Technology Assessment	 Initial Market Assessment 	Best Concepts Defined Product Requirements	Superior Product DesignManufacturing Plan	Validated Robust ProductData Package	Qualified Product & Process Market Validation	Product Launch





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