

ID CHART

Chemical Name (Trade Name)	I.D. Marking	Typical Use	Chrysler					Ford			G.M.				Europe & Asia Vehicles													R V's, ATV's				Agriculture																	
			Chrysler	Dodge	Plymouth	Eagle	Jeep	Van / Truck	Ford	Lincoln	Mercury	Van / Truck	Buick	Cadillac	Chevrolet	Oldsmobile	Pontiac	Saturn	Van	Truck	Acura	Honda	Infiniti	Lexus	Mazda	Nissan & Van	Rover	Citroen	Renault	Jaguar	Volvo	Alfa Romeo	Toyota	Peugeot	Mercedes	Vauxhall / Opel	BMW	Artic Cat	Honda	Polaris	Ski-Doo	Yamaha	Holding Tanks	Sprayers	Hoppers	Fuel Tanks			
Acrylonitrile	A.B.S.	Int. / Ext Trim	X	X			X		X										X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X					X				
Butadiene Styrene		Grills	X	X	X	X		X	X	X		X		X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									X		
Bexloy "M"	PBTP & EEBC	Bumper Covers												X	X					X	X																											X	
		Exterior Trim										X	X	X	X						X		X	X								X																	
Ethylene Propylene (Epon)	E / P	Valance Panels											X		X																																		
		Air Scoops										X		X	X																																		
Ethylene Propylene Diene Monomer	EPDM	Valance Panels	X	X	X			X				X	X	X											X																								
		Bumper Covers	X	X	X			X					X	X	X																																		
Metton RIM	RIM	Cowl Covers																																															
		Belly Pans																																															
Polyamide (Nylon)	PA	Radiator Tanks									X		X	X	X	X	X	X							X																								
Bexloy C		Exterior Trim	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X																															
(GTX) Polyamide & Polyphenylene Ether	PA & PPE	Fenders									X	X	X	X	X	X																																	
		Exterior Trim				X						X	X	X	X	X	X					X																											
Polycarbonate (Xenoy, Lexon)	PC	Bumper Covers						X	X	X																X																							
		Exterior Trim							X	X	X																																						
ABS & Polycarbonate (Pulse)	PC & A.B.S.	Door Skins														X																																	
		Exterior Panels															X																																
Polyethylene (Dylan, Fortiflex)	PE	Inner Fenders									X			X	X																																		
		Water Tanks									X	X	X	X	X	X	X				X				X	X																							
Polypropylene (Markex, Oleflo, Profax)	PP	Bumper Covers																								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
		Int. / Ext Trim					X		X					X	X	X	X	X								X	X																						
Polyurethane, RIM (Thermoset) RRIM	PUR	Bumper Covers	X	X	X	X		X	X	X	X		X	X	X	X								X																									
		Filler Panels	X	X	X			X	X				X	X	X	X	X																																
Polyurethane (Prevail) (Thermoplastic) (Prevail)	TPU	Bumper Covers																																															
		Exterior Trim											X	X	X	X	X									X																							
Polyvinyl Chloride (Vinyl)	PVC	Exterior Trim	X	X	X	X		X		X		X	X	X					X		X	X	X		X	X	X																						
		Panels																																															
Sheet Molded Compound	SMC	Hoods / Panels	X			X		X	X	X	X	X	X	X	X			X																															
		Exterior Trim												X																																			
Thermoplastic Olefin	TPO	Bumper Covers	X	X	X			X					X	X	X										X																								
		Filler Panels																																															
Thermoplastic Elastomer	TPE	Bumper Covers	X	X	X			X				X	X	X																																			
		Filler Panels																																															

NOTE 1

TWO WAYS TO COUNTERACT THESE PROBLEMS ARE:

REPAIR PROCEDURES FOR OLEFIN PLASTICS

1. Heat Treatment: Pass a torch or heat gun over the surface to be repaired until it becomes glossy (be careful not to overheat the plastic) to oxidize the surface. This allows the plastic part to bond to the oxygen molecules in the repair epoxy. The epoxy must be applied within 1 hour, if more than 1 hour passes, re-heat treat the are before proceeding with the repair

Olefin based plastics have mold release agents added in the manufacturing process, which causes the waxy greasy feeling and is why they smear when sanded at high speeds. Every time you break the surface of a Olefin plastic the mold release agent comes to the surface, this is what causes adhesion problems.

2. Adhesion Promoter: Should be applied as received, using conventional spray equipment. For small areas you can also wipe it on with a dry clean cloth. Avoid a thick build up, as drying time will be longer. Dries in approximately 3 to 5 min, (depending on shop temperatures). Drying time can be accelerated with the use of an infrared heat system, heat gun or compressed air. It is very important that this product is completely dry before applying any material over the top. Normal tap water can be used to clean up equipment. If Adhesion Promoter has been sitting on a repaired plastic part for any length of time, it should be lightly wiped off with a tack cloth.

Note: This Adhesion Promoter is a non-conductive water-based surface modifier that does not react adversely with other materials. Pro Tech's Adhesion Promoter allows for the top-coating of Olefin based plastics such as T.P.O., POLYPROPYLENE (PP), and Polyethylene (PE), with automotive base-coats, inks, polyurethane foams and adhesives.