

8205 Clear ABS / 8500 Black ABS

PER-FIX™ Flaw Repair Typical Properties

Also proven effective on Glass Filled Nylon and some High Density Polystyrene
For cross use such as this, appearance and adhesion should be verified.
For interior, textured, color coded parts.

Property	Method	Specification
Liquid Properties		
Appearance	ASTM D-4176-91	8205 Clear - Straw Color, Cloudy 8500 Black - Black
Color	Gardner	8205 Clear - 2 MAX 8500 Black - N/A
Odor	ASTM D-1296	Match Internal Standard
Specific Gravity Aerosol Bulk Liquid	ASTM D-1475-16	0848.825 g./cc. 0.773916 g./cc.
Viscosity Bulk Liquid	ASTM D-4212 Zahn #2, 20°C	15 ± 1 sec.
Boiling Point Aerosol Bulk Liquid	ASTM D-1078	-27°C 56 °C
VOC Content Aerosol Bulk Liquid	CP SQP 004	92.750.23% 90.7387.15%
Coverage Aerosol Bulk Liquid	Parts 1 sq. ft. or larger	70sq. ft./can 850 sq. ft./gallon
Film Properties		
Dry Film Thickness Wet Coat	ASTM D-1400 (Approximate)	0.0003" ± 0.00005"
Adhesion ABS	ASTM D- 3359-93	5A
Surface Gloss "A" Flatting Level "B" Flatting Level "C" Flatting Level	ASTM D- 523 60° (untextured panel)	5.5 ± 0.1 9.5 ± 0.2 12.5 ± 0.2
Chemical Resistance Diesel Fuel Hydraulic Fluid Gasoline Lighter Fluid Distilled Water- cold Distilled Water- hot Methyl Alcohol Isopropyl Alcohol	ASTM D-1308	Spot test 15 min. No effect No effect No effect No effect No effect No effect Whitens Whitens
Properties of Coated Parts		
Resistance to Crocking Fogging Odor Flammability Stress Relaxation 4 hr. @ - 29°C/ 4 hr. @ 79°C	Ford WSB-M15P4-D (3.9.3) Ford WSB-M15P4-D (3.14) Ford WSB-M15P4-D (3.15) Ford WSB-M15P4-D (3.16) Chrysler MS-DB531	Pass Pass Pass 41 mm./min. Pass
FORD TOX # for 8205 - 146418		