

## #6950 Black Styrene/Polycarbonate *PER-FIX™* Flaw Repair Typical Properties

Also proven effective on Polystyrene, ABS & Acrylic  
(For molded handles and other hand-held pieces, call chem-pak for recommendations)  
For interior, textured, color coded parts.

| Property                                                                                                                                                                   | Method                             | Specification                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Liquid Properties</b>                                                                                                                                                   |                                    |                                                                                                                                       |
| Appearance                                                                                                                                                                 | ASTM D-4176-91                     | Black                                                                                                                                 |
| Odor                                                                                                                                                                       | ASTM D-1296                        | Match Internal Standard                                                                                                               |
| Specific Gravity<br>Aerosol<br>Bulk Liquid                                                                                                                                 | ASTM D-1475-16                     | 0.790 g./cc.<br>0.730 g./cc.                                                                                                          |
| Viscosity<br>Bulk Liquid                                                                                                                                                   | ASTM D-4212<br>Zahn #2, 20°C       | 15 ± 1 sec.                                                                                                                           |
| Boiling Point<br>Aerosol<br>Bulk Liquid                                                                                                                                    | ASTM D-1078                        | -27°C<br>56.9 °C                                                                                                                      |
| VOC Content<br>Aerosol<br>Bulk Liquid                                                                                                                                      | CP SQP 004                         | 91.94%<br>89.27%                                                                                                                      |
| Coverage<br>Aerosol<br>Bulk Liquid                                                                                                                                         | Parts 1 sq. ft. or larger          | 60-65 sq. ft./can<br>700 -750 sq. ft./gallon                                                                                          |
| <b>Film Properties</b>                                                                                                                                                     |                                    |                                                                                                                                       |
| Dry Film Thickness<br>Wet Coat                                                                                                                                             | ASTM D-1400<br>(Approximate)       | 0.0003" ± 0.00005"                                                                                                                    |
| Adhesion<br>Styrene<br>Polycarbonate                                                                                                                                       | ASTM D- 3359-93                    | 5A<br>5A                                                                                                                              |
| Surface Gloss<br>"A" Flatting Level<br>"B" Flatting Level<br>"C" Flatting Level                                                                                            | ASTM D- 523 60° (untextured panel) | 5.5 ± 0.1<br>9.5 ± 0.2<br>12.5 ± 0.2                                                                                                  |
| Chemical Resistance<br>Diesel Fuel<br>Hydraulic Fluid<br>Gasoline<br>Lighter Fluid<br>Distilled Water- cold<br>Distilled Water- hot<br>Methyl Alcohol<br>Isopropyl Alcohol | ASTM D-1308                        | Spot test 15 min.<br>No effect<br>No effect<br>No effect<br>No effect<br>No effect<br>No effect<br>Slight Spotting<br>Slight Spotting |