



**Salflex Polymers Ltd.**

**Salflex 815C**

**15% Glass-Fiber Reinforced COPP**

**Features**

Extrusion and blow mold  
-40 to 125°C (260° F) continuous service

**Application**

Automotive air induction parts  
Automotive exterior structural parts  
Industrial articles

**Approval**

GM GMP.PP.115  
Ford WSS-M4D994-A

| <b>Physical Properties</b>          | <b>ISO</b> | <b>Value</b>    | <b>Unit</b>       |
|-------------------------------------|------------|-----------------|-------------------|
| Ash Content                         | 3451/1A    | 14              | %                 |
| Melt Flow Rate at 230°C/2.16 kg     | 1133       | 1.1             | g/10 min          |
| Density                             | 1183A      | 0.98            | g/cm <sup>3</sup> |
| Tensile Stress at Yield             | 527/ 1& 2  | 36 (5,220)      | MPa (psi)         |
| Elongation at Break                 | 527/ 1& 2  | 8               | %                 |
| Flexural Modulus                    | 178        | 2,690 (390,050) | MPa (psi)         |
| Notched Izod Impact at 23°C ( 73°F) | 180/ 1A    | 20              | kJ/m <sup>2</sup> |
| Deflection Temperature, 1.80 MPa    | 75/1&2     | 96 (205)        | °C (°F)           |
| Mold Shrinkage                      | 294/4      | 0.5             | %                 |

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**Options Available**

Colorable  
Heat Stabilized  
Weatherable

The above are typical values obtained from injection molded plaques. This general performance, process and application information carries no express or implied guarantee or warranty because of its dependence on specific thermal and process histories as well as part design parameters. The customer is responsible for ensuring that this product is suitable for the end use as well as that workplace and disposal practices comply with regulations. Salflex Polymers representatives are available to offer any assistance on specific requirements.