

## Sunprene® FA 68044- High Quality Extrusion Elastomer

### PRODUCT BULLETIN

## Sunprene® FA 68044-

Flexible PVC elastomer extrusion formulation used for profiles requiring ease of processing, excellent weathering, abrasion resistance and a Class "A" surface appearance. Nominal 5 – 10 gloss surface.

| Property          | Test Method                                     | Value - English |     | Value - Metric (SI) |      |
|-------------------|-------------------------------------------------|-----------------|-----|---------------------|------|
| Hardness, Shore A | ASTM D2240<br>15 sec. Delay                     | 85              |     | 85                  |      |
| Specific Gravity  | ASTM D792                                       | 1.29            |     | 1.29                |      |
| Tensile Strength  | ASTM D638<br>20 in/min (500 mm/min),<br>Type IV | 3157            | psi | 21.8                | MPa  |
| Elongation        | ASTM D638<br>20 in/min (500 mm/min),<br>Type IV | 333             | %   | 333                 | %    |
| 100% Modulus      | ASTM D638<br>20 in/min (500 mm/min),<br>Type IV | 1600            | psi | 11.034              | MPa  |
| Tear Strength     | ASTM D1004<br>2 in/min (50 mm/min)<br>Die C     | 354             | ppi | 62.073              | kN/m |
| Compression Set   | ASTM D395<br>22 hrs. @ 158°F (70°C)             | 68              | %   | 68                  | %    |



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## **Process Parameters**

### **Barrel Temperatures**

|               |       |
|---------------|-------|
| Zone - Rear   | 325 ℉ |
| Zone - Center | 325 ℉ |
| Zone - Center | 325 ℉ |
| Zone - Front  | 330 ℉ |
| Adaptor       | 335 ℉ |
| Dies          | 335 ℉ |

**Melt Temperature** 335 ℉

**Screen Pack** 20/40/20



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