

Sevrene® 2000-85A

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Sevrene® 2000-85A is a Thermoplastic Elastomer (TPE) material. It is available in North America for coextrusion, extrusion, or injection molding. Primary attribute of Sevrene® 2000-85A: Good Weather Resistance.

Typical applications include:

Automotive

Consumer Goods

Industrial Applications

| General Information | | | |
|--|-------------------------------|-------------------|-------------|
| Features | Good Weather Resistance | | |
| Uses | Automotive Interior Parts | | |
| | Automotive Under the Hood | | |
| | Consumer Applications | | |
| | Industrial Applications | | |
| Forms | Pellets | | |
| Processing Method | Coextrusion | | |
| | Extrusion | | |
| | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.11 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 5 sec) | 84 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress - Across Flow (100% Strain) | 4.40 | MPa | ASTM D412 |
| Tensile Strength - Across Flow (Break) | 6.90 | MPa | ASTM D412 |
| Tensile Elongation - Across Flow (Break) | 440 | % | ASTM D412 |
| Tear Strength | 40.2 | kN/m | ASTM D624 |
| Additional Information | Nominal Value | | Test Method |
| Arizona Weathering - Delta E ¹ | 1.67 | | SAE J1976 |
| Exterior Xenon - Delta E ² | 0.800 | | SAE J1960 |
| Florida Weathering - Delta E ³ | 1.16 | | SAE J1976 |
| Interior Xenon - Delta E ⁴ | 1.68 | | SAE J1885 |
| NOTE | | | |
| 1. | 2 year, Black | | |
| 2. | Black, 2500 kJ/m ² | | |
| 3. | 2 year, Black | | |
| 4. | Black, 1240 kJ/m ² | | |

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