

# EVOPRENE COGEE 681

Alphagary - Styrene Ethylene Butylene Styrene Block Copolymer

## General Information

### General

|                   |   |
|-------------------|---|
| Features          | <ul style="list-style-type: none"> <li>Block Copolymer</li> </ul>   |
| Processing Method | <ul style="list-style-type: none"> <li>Injection Molding</li> </ul> |

## Properties<sup>1</sup>

| Physical                           | Nominal Value | Unit               | Test Method     |
|------------------------------------|---------------|--------------------|-----------------|
| Density (73°F)                     | 0.950         | g/cm <sup>3</sup>  | ISO 2781        |
| Flow Rating (356°F)                | 26            | kg/cm <sup>2</sup> | Internal Method |
| Elastomers                         | Nominal Value | Unit               | Test Method     |
| Tensile Stress (100% Strain, 73°F) | 203           | psi                | ISO 37          |
| Tensile Stress (300% Strain, 73°F) | 406           | psi                | ISO 37          |
| Tensile Stress (Yield, 73°F)       | 392           | psi                | ISO 37          |
| Tensile Elongation (Break, 73°F)   | 460           | %                  | ISO 37          |
| Tear Strength (73°F)               | 120           | lbf/in             | ISO 6383        |
| Compression Set                    |               |                    | ISO 815         |
| 73°F, 72 hr                        | 28            | %                  |                 |
| 158°F, 22 hr                       | 68            | %                  |                 |
| 212°F, 22 hr                       | 82            | %                  |                 |
| Hardness                           | Nominal Value | Unit               | Test Method     |
| Shore Hardness (Shore A, 73°F)     | 40            |                    | ISO 868         |