

## Technical Data Sheet

***Polyaxis* LPA 815-01G NATURAL**

Ethylene Vinyl Acetate

**Product Description***Polyaxis* 815 is an EVA that is soft and pliable. The vinyl acetate content is about 15%.

|                          |                         |
|--------------------------|-------------------------|
| <b>Processing Method</b> | Rotomolding             |
| <b>Attribute</b>         | Copolymer; Dispersible  |
| <b>Forms</b>             | Powder                  |
| <b>Application</b>       | Flotation Devices; Toys |

| Typical Properties                       | Nominal Value | Units             | Test Method |
|------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                          |               |                   |             |
| Melt Flow Rate, (190 °C/2.16 kg)         | 6.0 to 8.0    | g/10 min          | ASTM D1238  |
| Density                                  | 0.935         | g/cm <sup>3</sup> | ASTM D792   |
| Vinyl Acetate Content, (Internal Method) | 15.0          | wt %              |             |
| <b>Mechanical</b>                        |               |                   |             |
| Tensile Strength at Yield, (51 mm/min)   | 14.5          | MPa               | ASTM D638   |
| Flexural Modulus, (1% Secant)            | 59.3          | MPa               | ASTM D790   |
| Tensile Elongation at Break, (51 mm/min) | 700           | %                 | ASTM D638   |