

## Technical Data Sheet

### *Alcryn* ALR7227 INJ BLK



Melt Processable Rubber

#### Product Description

*Alcryn* ALR 7227 MPR is a black specialty material for Wire & Cable Jacketing applications that require improved low temperature performance and a non-phthalate plasticizer system.

|                   |              |
|-------------------|--------------|
| Processing Method | Extrusion    |
| Forms             | Pellets      |
| Application       | Wire & Cable |

| Typical Properties                               | Nominal Value | Units             | Test Method |
|--------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                  |               |                   |             |
| Density - Specific Gravity                       | 1.21          | g/cm <sup>3</sup> | ASTM D792   |
| Melt Viscosity, (190 °C, 300 sec <sup>-1</sup> ) | 681           | Pa·s              | ASTM D3835  |
| <b>Mechanical</b>                                |               |                   |             |
| Tensile Stress at 100%                           | 3.86          | MPa               | ASTM D412   |
| Tensile Set                                      | 10            | %                 | ASTM D412   |
| Tensile Strength at Break                        | 9.17          | MPa               | ASTM D412   |
| Tensile Elongation at Break                      | 250           | %                 | ASTM D412   |
| <b>Hardness</b>                                  |               |                   |             |
| Durometer Hardness, (Shore A)                    | 66            |                   | ASTM D2240  |