

## Technical Data Sheet

### Alcryn ALR7958BLK



Melt Processable Rubber

#### Product Description

Alcryn® ALR 7958 MPR is a black material that has a 78 shore A hardness, greater than 1800 psi tensile strength and is black in color.

|                   |                                                |
|-------------------|------------------------------------------------|
| Processing Method | Extrusion                                      |
| Forms             | Pellets                                        |
| Appearance        | Black                                          |
| Application       | Cable Jacketing; General Purpose; Wire & Cable |

| Typical Properties                               | Nominal Value | Units             | Test Method |
|--------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                  |               |                   |             |
| Density                                          | 1.26          | g/cm <sup>3</sup> | ASTM D792   |
| Melt Viscosity, (190 °C, 300 sec <sup>-1</sup> ) | 894           | Pa·s              | ASTM D3835  |
| <b>Mechanical</b>                                |               |                   |             |
| Tensile Stress, (23 °C)                          | 8.4           | MPa               | ASTM D412   |
| Tensile Strength, (23 °C)                        | 5.58          | MPa               | ASTM D412   |
| Tensile Elongation at Break, (1.90 mm)           | 190           | %                 | ASTM D412   |
| <b>Hardness</b>                                  |               |                   |             |
| Shore Hardness, (Shore A, 15 sec)                | 78            |                   | ASTM D2240  |