

# Sylvin 3250-79 Black

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:

Sylvin 3250-79 Black Is A Vinyl Compound That Is REACH And RoHS Compliant And Formulated With A Non-Phthalate, Bio-Based Plasticizer To Lower The Carbon Foot Print Of The Compound Versus Compounds That Use Petroleum-Based Plasticizers.

| General Information |                           |  |  |
|---------------------|---------------------------|--|--|
| Additive            | Plasticizer               |  |  |
| Features            | Non-phthalate plasticizer |  |  |
| Agency Ratings      | EC 1907/2006 (REACH)      |  |  |
| RoHS Compliance     | RoHS compliance           |  |  |
| Appearance          | Black                     |  |  |
| Processing Method   | Extrusion                 |  |  |
|                     | Injection molding         |  |  |

| Physical         | Nominal Value | Unit  | Test Method |
|------------------|---------------|-------|-------------|
| Specific Gravity | 1.38          | g/cm³ | ASTM D792   |

| Hardness           | Nominal Value | Unit | Test Method |
|--------------------|---------------|------|-------------|
| Durometer Hardness |               |      | ASTM D2240  |
| Shaw A             | 79            |      | ASTM D2240  |
| Shaw A, 10 seconds | 79            |      | ASTM D2240  |

| Mechanical                 | Nominal Value | Unit | Test Method |
|----------------------------|---------------|------|-------------|
| Tensile Strength (Break)   | 14.3          | MPa  | ASTM D638   |
| Tensile Elongation (Break) | 380           | %    | ASTM D638   |

| Elastomers    | Nominal Value | Unit | Test Method |
|---------------|---------------|------|-------------|
| Tear Strength | 61.3          | kN/m | ASTM D624   |

| Thermal             | Nominal Value | Unit |  |
|---------------------|---------------|------|--|
| Melting Temperature | 163 - 174     | °C   |  |

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