

# Sylvin 9812-85 Black

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:

Sylvin 9812-85 Black Is A Vinyl Compound Formulated For General Purpose Electrical Molding Applications That Require Better Flammability Resistance. This Compound Has A Underwriters Laboratories Listing As A Recognized Component.

| General Information        |                                    |                   |             |
|----------------------------|------------------------------------|-------------------|-------------|
| UL YellowCard              | E86418-455630                      |                   |             |
| Features                   | General                            |                   |             |
| Uses                       | Electrical/Electronic Applications |                   |             |
|                            | General                            |                   |             |
| Appearance                 | Black                              |                   |             |
| Processing Method          | Injection molding                  |                   |             |
| Physical                   | Nominal Value                      | Unit              | Test Method |
| Specific Gravity           | 1.44                               | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                   | Nominal Value                      | Unit              | Test Method |
| Durometer Hardness         |                                    |                   | ASTM D2240  |
| Shaw A                     | 85                                 |                   | ASTM D2240  |
| Shaw A, 10 seconds         | 85                                 |                   | ASTM D2240  |
| Mechanical                 | Nominal Value                      | Unit              | Test Method |
| Tensile Strength (Break)   | 12.4                               | MPa               | ASTM D638   |
| Tensile Elongation (Break) | 250                                | %                 | ASTM D638   |
| Elastomers                 | Nominal Value                      | Unit              | Test Method |
| Tear Strength              | 65.7                               | kN/m              | ASTM D624   |
| Thermal                    | Nominal Value                      | Unit              |             |
| Melting Temperature        | 168 - 179                          | °C                |             |
| Flammability               | Nominal Value                      |                   | Test Method |
| Flame Rating               | V-2                                |                   | UL 94       |

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