

# Sylvin 9077-90LMW Grey 9167

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 9077-90LMW Grey 9167 Is A Vinyl Compound Formulated For Injection Molding Applications. This Compound Has A Underwriters Laboratories Listing As A Recognized Component.

| General Information        |                                    |                   |             |
|----------------------------|------------------------------------|-------------------|-------------|
| UL YellowCard              | E86418-252043                      |                   |             |
| Uses                       | Electrical/Electronic Applications |                   |             |
| Appearance                 | Grey                               |                   |             |
| Processing Method          | Injection molding                  |                   |             |
| Physical                   | Nominal Value                      | Unit              | Test Method |
| Specific Gravity           | 1.45                               | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                   | Nominal Value                      | Unit              | Test Method |
| Durometer Hardness         |                                    |                   | ASTM D2240  |
| Shaw A                     | 90                                 |                   | ASTM D2240  |
| Shaw A, 10 seconds         | 90                                 |                   | ASTM D2240  |
| Mechanical                 | Nominal Value                      | Unit              | Test Method |
| Tensile Strength (Break)   | 10.3                               | MPa               | ASTM D638   |
| Tensile Elongation (Break) | 160                                | %                 | ASTM D638   |
| Elastomers                 | Nominal Value                      | Unit              | Test Method |
| Tear Strength              | 52.5                               | kN/m              | ASTM D624   |
| Thermal                    | Nominal Value                      | Unit              |             |
| Melting Temperature        | 171 - 182                          | °C                |             |
| Flammability               | Nominal Value                      |                   | Test Method |
| Flame Rating               | HB                                 |                   | UL 94       |

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