# Sylvin 9077-85C Yellow 449

### Polyvinyl Chloride

Sylvin Technologies Incorporated

#### Message:

Sylvin 9077-85C Yellow 449 Is A Vinyl Compound Formulated For Injection Molding Applications. This Compound Has A Underwriters Laboratories Listing As A Recognized Component.

| General Information        |                                    |       |             |
|----------------------------|------------------------------------|-------|-------------|
| Uses                       | Electrical/Electronic Applications |       |             |
| Appearance                 | Yellow                             |       |             |
| Processing Method          | Injection molding                  |       |             |
| Physical                   | Nominal Value                      | Unit  | Test Method |
| Specific Gravity           | 1.50                               | g/cm³ | ASTM D792   |
| Hardness                   | Nominal Value                      | Unit  | Test Method |
| Durometer Hardness         |                                    |       | ASTM D2240  |
| Shaw C                     | 85                                 |       | ASTM D2240  |
| Shaw C, 10 seconds         | 85                                 |       | ASTM D2240  |
| Mechanical                 | Nominal Value                      | Unit  | Test Method |
| Tensile Strength (Break)   | 16.2                               | MPa   | ASTM D638   |
| Tensile Elongation (Break) | 210                                | %     | ASTM D638   |
| Elastomers                 | Nominal Value                      | Unit  | Test Method |
| Tear Strength              | 102                                | kN/m  | ASTM D624   |
| Thermal                    | Nominal Value                      | Unit  |             |
| Melting Temperature        | 177 - 191                          | °C    |             |
| Flammability               | Nominal Value                      |       | Test Method |
| Flame Rating               | НВ                                 |       | UL 94       |

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#### Recommended distributors for this material

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