# Sylvin 9812-85 White 1324

### Polyvinyl Chloride

Sylvin Technologies Incorporated

#### Message:

Sylvin 9812-85 White 1324 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     |       |             |
| Additive                             | Flame Retardant   |       |             |
| Features                             | Flame Retardant   |       |             |
| Uses                                 | Electrical Parts  |       |             |
| Appearance                           | White             |       |             |
| Processing Method                    | Injection Molding |       |             |
| Physical                             | Nominal Value     | Unit  | Test Method |
| Specific Gravity                     | 1.45              | g/cm³ | ASTM D792   |
| Hardness                             | Nominal Value     | Unit  | Test Method |
| Durometer Hardness (Shore A, 10 sec) | 85                |       | ASTM D2240  |
| Mechanical                           | Nominal Value     | Unit  | Test Method |
| Tensile Strength                     | 12.4              | МРа   | 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 to 179        | °C    |             |
| Flammability                         | Nominal Value     |       | Test Method |
| Flame Rating                         | V-2               |       | UL 94       |

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