# Sylvin 8280-95FUV Brown 7444

## Polyvinyl Chloride

## Sylvin Technologies Incorporated

#### Message:

Sylvin 8280-95FUV Brown 7444 Is A Vinyl Compound Formulated For Outdoor Molding Applications. This Compound Contains An Antimicrobial And An Ultra Violet Stabilizer.

| General Information        |                           |       |             |
|----------------------------|---------------------------|-------|-------------|
| Additive                   | Antibacterial (fungicide) |       |             |
|                            | UV stabilizer             |       |             |
|                            |                           |       |             |
| Features                   | General                   |       |             |
| Uses                       | Industrial application    |       |             |
|                            | Outdoor application       |       |             |
|                            | General                   |       |             |
|                            |                           |       |             |
| Appearance                 | Brown                     |       |             |
| Processing Method          | Injection molding         |       |             |
| Physical                   | Nominal Value             | Unit  | Test Method |
| Specific Gravity           | 1.55                      | g/cm³ | ASTM D792   |
| Hardness                   | Nominal Value             | Unit  | Test Method |
| Durometer Hardness         |                           |       | ASTM D2240  |
| Shaw A                     | 95                        |       | ASTM D2240  |
| Shaw A, 10 seconds         | 95                        |       | ASTM D2240  |
| Mechanical                 | Nominal Value             | Unit  | Test Method |
| Tensile Strength (Break)   | 14.1                      | MPa   | ASTM D638   |
| Tensile Elongation (Break) | 200                       | %     | ASTM D638   |
| Elastomers                 | Nominal Value             | Unit  | Test Method |
| Tear Strength              | 78.8                      | kN/m  | ASTM D624   |
| Thermal                    | Nominal Value             | Unit  |             |
| Melting Temperature        | 174 - 185                 | °C    |             |
| Flammability               | Nominal Value             | Unit  | Test Method |
| Oxygen Index               | 24                        | %     | ASTM D2863  |

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