

Sylvin 7833-80 Blue 8450

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:
Sylvin 7833-80 Blue 8450 Is A Vinyl Compound Formulated For Electrical Molding Applications. This Compound Is Listed As A Recognized Component By Unrderwriters Laboratories.

| General Information | | | |
|----------------------------|------------------------------------|-------------------|-------------|
| UL YellowCard | E86418-252037 | | |
| Uses | Electrical/Electronic Applications | | |
| Appearance | Blue | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.39 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shaw A | 80 | | ASTM D2240 |
| Shaw A, 10 seconds | 80 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 6.89 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 200 | % | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tear Strength | 35.0 | kN/m | ASTM D624 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -20.0 | °C | ASTM D746 |
| Melting Temperature | 166 - 177 | °C | |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | HB | | UL 94 |
| Oxygen Index | 23 | % | ASTM D2863 |

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