

Sylvin 9812-65 YELLOW 405

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:
Sylvin 9812-65 Yellow 405 Is A Vinyl Compound Formulated For General Purpose Electrical Molding Applications That Require Better Flammability Resistance. This Compound Has A UL Listing As A Recognized Component And A Dielectric Strength Of 514 Volts.

| General Information | | | |
|----------------------------|------------------------------------|-------------------|-------------|
| UL YellowCard | E86418-455630 | | |
| Features | General | | |
| Uses | Electrical/Electronic Applications | | |
| | General | | |
| Appearance | Yellow | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.34 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shaw A | 65 | | ASTM D2240 |
| Shaw A, 10 seconds | 65 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 10.7 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 400 | % | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tear Strength | 40.3 | kN/m | ASTM D624 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -48.0 | °C | ASTM D746 |
| Melting Temperature | 157 - 168 | °C | |
| Flammability | Nominal Value | Test Method | |
| Flame Rating | V-2 | UL 94 | |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

