

# Sylvin 8377-75UV Black 2101

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 8377-75UV Black 2101 Is A RoHS & Reach Compliant, Vinyl Compound Formulated For Vinyl Coated Nylon Yarns For Braiding Harness Type Constructions Of Electrical Wiring Systems.

| General Information |                        |
|---------------------|------------------------|
| Features            | General                |
| Uses                | Industrial application |
|                     | General                |
|                     | Coating application    |
| Agency Ratings      | EC 1907/2006 (REACH)   |
| RoHS Compliance     | RoHS compliance        |
| Appearance          | Black                  |
| Processing Method   | Extrusion              |
|                     | Extrusion coating      |

| Physical                   | Nominal Value | Unit              | Test Method |
|----------------------------|---------------|-------------------|-------------|
| Specific Gravity           | 1.27          | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                   | Nominal Value | Unit              | Test Method |
| Durometer Hardness         |               |                   | ASTM D2240  |
| Shaw A                     | 75            |                   | ASTM D2240  |
| Shaw A, 10 seconds         | 75            |                   | ASTM D2240  |
| Mechanical                 | Nominal Value | Unit              | Test Method |
| Tensile Strength (Break)   | 15.5          | MPa               | ASTM D638   |
| Tensile Elongation (Break) | 350           | %                 | ASTM D638   |
| Elastomers                 | Nominal Value | Unit              | Test Method |
| Tear Strength              | 61.3          | kN/m              | ASTM D624   |
| Thermal                    | Nominal Value | Unit              | Test Method |
| Brittleness Temperature    | -32.0         | °C                | ASTM D746   |
| Melting Temperature        | 166 - 177     | °C                |             |

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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

