

## Sylvin Technologies 574 PVC Wire/Cable Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

### Material Notes:

Information provided by Sylvin Technologies Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sylvin-Technologies-574-PVC-WireCable-Compound.php](http://www.lookpolymers.com/polymer_Sylvin-Technologies-574-PVC-WireCable-Compound.php)

| Physical Properties | Metric    | English   | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity    | 1.33 g/cc | 1.33 g/cc |          |

| Mechanical Properties      | Metric   | English  | Comments   |
|----------------------------|----------|----------|------------|
| Hardness, Shore A          | 82       | 82       | 10 seconds |
| Tensile Strength, Ultimate | 15.2 MPa | 2200 psi |            |
| Elongation at Break        | 340 %    | 340 %    |            |

| Thermal Properties               | Metric         | English       | Comments                    |
|----------------------------------|----------------|---------------|-----------------------------|
| Maximum Service Temperature, Air | 90.0 - 105 Â°C | 194 - 221 Â°F |                             |
| Minimum Service Temperature, Air | -40.0 Â°C      | -40.0 Â°F     | Low Temperature Flexibility |
| Brittleness Temperature          | -29.0 Â°C      | -20.2 Â°F     |                             |
| Flammability, UL94               | V-1            | V-1           | VW-1                        |
| Oxygen Index                     | 25.8 %         | 25.8 %        |                             |

| Processing Properties  | Metric        | English       | Comments                      |
|------------------------|---------------|---------------|-------------------------------|
| Processing Temperature | 166 - 177 Â°C | 330 - 350 Â°F | Recommended Stock Temperature |

## Contact Songhan Plastic Technology Co.,Ltd.

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