

## Teknor Apex Sinvicomp SIH 5008A Polyvinyl Chloride, Flexible

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

### Material Notes:

Availability: Asia Pacific Features: Good Stiffness Uses: Wire and Cable Applications Wire Types: V-75 Agency Ratings: AS 3147-1992

Forms: Pellets Processing Method: Extrusion Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Sinvicomp-SIH-5008A-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Sinvicomp-SIH-5008A-Polyvinyl-Chloride-Flexible.php)

| Physical Properties | Metric    | English   | Comments  |
|---------------------|-----------|-----------|-----------|
| Specific Gravity    | 1.40 g/cc | 1.40 g/cc | ASTM D792 |

| Mechanical Properties   | Metric    | English  | Comments   |
|-------------------------|-----------|----------|--|
| Hardness, Shore A       | 91        | 91       | ASTM D2240   |
| Tensile Strength, Yield | 17.00 MPa | 2465 psi | Change in tensile strength after 504 hours at 239°F; ASTM D638 |
|                         | 20.0 MPa  | 2900 psi | 9.8 in/min; ASTM D638  |
| Elongation at Break     | 192 %     | 192 %    | Change after 504 hours at 239°F; ASTM D638                     |
|                         | 240 %     | 240 %    | 9.8 in/min; ASTM D638  |

| Thermal Properties               | Metric           | English           | Comments           |
|----------------------------------|------------------|-------------------|--------------------|
| Maximum Service Temperature, Air | 190 °C           | 374 °F            | Congo Red; BS 2782 |
|                                  | @Time >=7200 sec | @Time >=2.00 hour |                    |

| Electrical Properties | Metric               | English              | Comments |
|-----------------------|----------------------|----------------------|----------|
| Volume Resistivity    | 2.00e+14 ohm-cm      | 2.00e+14 ohm-cm      | BS 2782  |
|                       | @Temperature 20.0 °C | @Temperature 68.0 °F |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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