

## Teknor Apex Sinvicomp SIM 5000 Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade

### Material Notes:

Availability: Asia Pacific Features: High Strength Uses: Electrical/Electronic Applications < Forms: Pellets Processing Method: Injection

Molding Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Sinvicomp-SIM-5000-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Sinvicomp-SIM-5000-Polyvinyl-Chloride-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	ASTM D2240
Tensile Strength, Yield	9.93 MPa	1440 psi	Change in tensile strength after 168 hours at 176°F; ASTM D638
	11.0 MPa	1600 psi	9.8 in/min; ASTM D638
Elongation at Break	184 %	184 %	Change after 7 hours at 176°F; ASTM D638
	230 %	230 %	9.8 in/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	190 °C	374 °F	Congo Red; BS 2782
	@Time >=1800 sec	@Time >=0.500 hour	

## Contact Songhan Plastic Technology Co.,Ltd.

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