

## Denka VINYKON W1021 PVC, W grade for insulation, for sheaths

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

A PVC resin compound offering excellent physical properties and workability. A broad product lineup is available, including hard and soft grades, as well as those for extrusion and injection molding, etc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Denka-VINYKON-W1021-PVC-W-grade-for-insulation-for-sheaths.php](http://www.lookpolymers.com/polymer_Denka-VINYKON-W1021-PVC-W-grade-for-insulation-for-sheaths.php)

Physical Properties	Metric	English	Comments
Density	1.425 g/cc	0.05148 lb/in <sup>3</sup>	JIS-Z-8807
Deformation	9.5 %	9.5 %	JIS-K-6723

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	JIS-K-6301
Tensile Strength at Break	16.677 MPa	2418.8 psi	JIS-K-6723
Elongation at Break	290 %	290 %	JIS-K-6723
100% Modulus	0.0112 GPa	1.62 ksi	JIS-A-5756

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-27.0 °C	-16.6 °F	JIS-K-6723

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+13 ohm-cm	2.00e+13 ohm-cm	JIS-K-6723
	@Temperature 60.0 °C	@Temperature 140 °F	
	2.00e+14 ohm-cm	2.00e+14 ohm-cm	JIS-K-6723
	@Temperature 30.0 °C	@Temperature 86.0 °F	

Descriptive Properties	Value	Comments
Heating: Retention Rate of Elongation, %	80	JIS-A-5756
Heating: Retention Rate of Tensile Strength, %	99	JIS-A-5756
Oil Resistance: Retention of Tensile Strength, %	96	JIS-K-6723
Oil Resistance: Retention Rate of Elongation, %	85	JIS-K-6723
Thermostability, min, JIS-K-6723	>240	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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