

Denka VINYKON W7100N PVC, W grade for non-migratory sheath and special items

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-W7100N-PVC-W-grade-for-non-migratory-sheath-and-special-items.php

Physical Properties	Metric	English	Comments
Density	1.338 g/cc	0.04834 lb/in ³	JIS-Z-8807
Deformation	7.0 %	7.0 %	JIS-K-6723

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77	77	JIS-K-6301
Tensile Strength at Break	18.34 MPa	2661 psi	JIS-K-6723
Elongation at Break	300 %	300 %	JIS-K-6723
100% Modulus	0.0103 GPa	1.49 ksi	JIS-K-6723

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-25.0 °C	-13.0 °F	JIS-K-6723

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+12 ohm-cm @Temperature 30.0 °C	3.00e+12 ohm-cm @Temperature 86.0 °F	JIS-K-6723

Descriptive Properties	Value	Comments
Heating: Retention Rate of Elongation, %	95	JIS-A-5756
Heating: Retention Rate of Tensile Strength, %	97	JIS-A-5756
Oil Resistance: Retention of Tensile Strength, %	102	JIS-K-6723
Oil Resistance: Retention Rate of Elongation, %	97	JIS-K-6723
Thermostability, min, JIS-K-6723	240	

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