

Denka VINYKON G5070 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-G5070-PVC-W-grade-for-non-migratory-sheath-and-special-items.php

Physical Properties	Metric	English	Comments
Density	1.273 g/cc	0.04599 lb/in ³	JIS-Z-8807
Deformation	20 %	20 %	JIS-K-6723

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	JIS-K-6301
Tensile Strength at Break	15.696 MPa	2276.5 psi	JIS-K-6723
Elongation at Break	350 %	350 %	JIS-K-6723
100% Modulus	0.0056898 GPa	0.82525 ksi	JIS-K-6723

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-43.0 °C	-45.4 °F	JIS-K-6723

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm @Temperature 30.0 °C	1.00e+11 ohm-cm @Temperature 86.0 °F	JIS-K-6723

Descriptive Properties	Value	Comments
Heating: Retention Rate of Elongation, %	97	JIS-A-5756
Heating: Retention Rate of Tensile Strength, %	102	JIS-A-5756
Oil Resistance: Retention of Tensile Strength, %	98	JIS-K-6723
Oil Resistance: Retention Rate of Elongation, %	90	JIS-K-6723
Thermostability, min, JIS-K-6723	>240	

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