

Denka VINYKON W7080 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-W7080-PVC-W-grade-for-non-migratory-sheath-and-special-items.php

Physical Properties	Metric	English	Comments
Density	1.381 g/cc	0.04989 lb/in ³	JIS-Z-8807
Deformation	11 %	11 %	JIS-K-6723

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	JIS-K-6301
Tensile Strength at Break	19.23 MPa	2789 psi	JIS-K-6723
Elongation at Break	370 %	370 %	JIS-K-6723
100% Modulus	0.0091233 GPa	1.3232 ksi	JIS-K-6723

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-22.0 °C	-7.60 °F	JIS-K-6723

Electrical Properties	Metric	English	Comments
Volume Resistivity	8.00e+11 ohm-cm	8.00e+11 ohm-cm	JIS-K-6723
	@Temperature 60.0 °C	@Temperature 140 °F	
	1.00e+13 ohm-cm	1.00e+13 ohm-cm	JIS-K-6723
	@Temperature 30.0 °C	@Temperature 86.0 °F	

Descriptive Properties	Value	Comments
Heating: Retention Rate of Elongation, %	98	JIS-A-5756
Heating: Retention Rate of Tensile Strength, %	92	JIS-A-5756
Oil Resistance: Retention of Tensile Strength, %	96	JIS-K-6723
Oil Resistance: Retention Rate of Elongation, %	95	JIS-K-6723

Thermostability min. JIS-K-6723
Descriptive Properties

210
Value

Comments

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