

Denka VINYKON R3105 PVC, R grade for hard extrusion

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-R3105-PVC-R-grade-for-hard-extrusion.php

Physical Properties	Metric	English	Comments
Density	1.401 g/cc	0.05061 lb/in ³	JIS-Z-8807

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	46.01 MPa	6673 psi	JIS-K-6740
Elongation at Break	127 %	127 %	JIS-K-6740
Flexural Strength	65.0 MPa	9430 psi	JIS-K-6740
Flexural Modulus	2.49 GPa	361 ksi	JIS-K-6740
Izod Impact, Notched	0.44145 J/cm	0.82702 ft-lb/in	JIS-K-6740
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.81423 J/cm	1.5254 ft-lb/in	
	@Temperature 0.000 °C	@Temperature 32.0 °F	JIS-K-6740
	2.6487 J/cm	4.9621 ft-lb/in	
	@Temperature 23.0 °C	@Temperature 73.4 °F	JIS-K-6740
Penetration	74	74	[°C], penetration temperature; JIS-K-6740

Thermal Properties	Metric	English	Comments
Vicat Softening Point	86.0 °C	187 °F	JIS-K-6740

Descriptive Properties	Value	Comments
Thermostability, min, JIS-K-6723	70	

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