

## Denka VINYKON R4105 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-R4105-PVC-R-grade-for-hard-extrusion.php](http://www.lookpolymers.com/polymer_Denka-VINYKON-R4105-PVC-R-grade-for-hard-extrusion.php)

Physical Properties	Metric	English	Comments
Density	1.421 g/cc	0.05134 lb/in <sup>3</sup>	JIS-Z-8807

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	54.45 MPa	7897 psi	JIS-K-6740
Elongation at Break	167 %	167 %	JIS-K-6740
Flexural Strength	66.0 MPa	9570 psi	JIS-K-6740
Flexural Modulus	2.54 GPa	368 ksi	JIS-K-6740
Izod Impact, Notched	0.47088 J/cm	0.88215 ft-lb/in	JIS-K-6740
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	1.295 J/cm	2.426 ft-lb/in	
	@Temperature 0.000 °C	@Temperature 32.0 °F	JIS-K-6740
	2.815 J/cm	5.275 ft-lb/in	JIS-K-6740
	@Temperature 23.0 °C	@Temperature 73.4 °F	JIS-K-6740
Penetration	80	80	[°C], penetration temperature; JIS-K-6740

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.0 °C	198 °F	JIS-K-6740

Descriptive Properties	Value	Comments
Thermostability, min, JIS-K-6723	102	

## Contact Songhan Plastic Technology Co.,Ltd.

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