

Arkema Group Nakan® RRS 401 L PVC, Rigid Injection Grade

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Rigid Grade

Material Notes:

NAKAN RRS 401 L is a rigid polyvinyl chloride compound developed for injection molding of waste water fittings.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Nakan-RRS-401-L-PVC-Rigid-Injection-Grade.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	50 mm/min
Elongation at Break	25 %	25 %	Nominal Strain; 50 mm/min
Elongation at Yield	5.0 %	5.0 %	50 mm/min
Tensile Modulus	2.70 GPa	392 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	64.0 °C	147 °F	
Vicat Softening Point	73.0 °C	163 °F	50°C/hr; 50N
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
Oxygen Index	46 %	46 %	

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