

Arkema Group Nakan® RPS 400 M PVC, Rigid Extrusion Grade

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

Material Notes:

NAKAN RPS 400 M is a rigid polyvinyl chloride compound developed for extrusion of cables ducts.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Nakan-RPS-400-M-PVC-Rigid-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.0 MPa	6960 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	5.8 %	5.8 %	50 mm/min
Tensile Modulus	3.02 GPa	438 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	1.10 J/cm ²	5.24 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	80.5 °C	177 °F	50°C/hr; 50N
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

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