

Arkema Group Nakan® RMA 705 N PVC, Rigid Injection Molding Grade

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

Material Notes:

NAKAN RMA 705 N L is a rigid polyvinyl chloride compound developed for injection molding of various medium impact resistance applications.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Nakan-RMA-705-N-PVC-Rigid-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Elongation at Yield	6.0 %	6.0 %	50 mm/min
Charpy Impact Unnotched	NB	NB	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	70.0 °C	158 °F	50°C/hr; 50N
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Mfr. reports 'Transparent' but doesn't quantify.

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