

## Arkema Group Nakan® RPX 301 L PVC, Rigid Extrusion Grade

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

### Material Notes:

NAKAN RPX 301 L is a rigid polyvinyl chloride compound developed for extrusion of transparent profiles for outdoor applications. ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-Nakan-RPX-301-L-PVC-Rigid-Extrusion-Grade.php](http://www.lookpolymers.com/polymer_Arkema-Group-Nakan-RPX-301-L-PVC-Rigid-Extrusion-Grade.php)

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	50 mm/min
Elongation at Break	45 %	45 %	Nominal Strain; 50 mm/min
Elongation at Yield	5.0 %	5.0 %	50 mm/min
Tensile Modulus	2.53 GPa	367 ksi	1 mm/min
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	0.580 J/cm <sup>2</sup>	2.76 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	77.0 °C	171 °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	90 %	90 %	transparent; thickness not quantified

## Contact Songhan Plastic Technology Co.,Ltd.

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