

Teknor Apex APEXÂ® RE 8114 UV Polyvinyl Chloride, Rigid

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

Material Notes:

Forms: Pellets Additional Information: HDT, Unannealed; 264 psi, 0.125 in bars: 66.4Â°C Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-RE-8114-UV-Polyvinyl-Chloride-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	10 seconds; ASTM D2240
Tensile Strength at Break	43.6 MPa	6330 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Tensile Modulus	2.48 GPa	360 ksi	ASTM D638
Izod Impact, Notched	7.47 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	14.0 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	Compression Molded; ASTM D256
Dart Drop Total Energy	118 J/cm @Thickness 12.7 mm, Temperature 22.8 Â°C	0.221 ft-lb/mil @Thickness 0.500 in, Temperature 73.0 Â°F	Procedure A

Descriptive Properties	Value	Comments
Appearance	Opaque	

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