

Teknor Apex APEX® SRP 2700A Polyvinyl Chloride, Rigid

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

Material Notes:

Forms: Pellets Additional Information: HDT, Annealed; 24 hours, 156°F Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-SRP-2700A-Polyvinyl-Chloride-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	77	77	10 seconds; ASTM D2240
Tensile Strength at Break	46.8 MPa	6790 psi	ASTM D638
Elongation at Break	120 %	120 %	ASTM D638
Tensile Modulus	2.35 GPa	341 ksi	ASTM D638
Flexural Modulus	2.68 GPa	389 ksi	ASTM D790
Izod Impact, Notched	2.03 J/cm @Thickness 3.17 mm, Temperature 22.8 °C	3.80 ft-lb/in @Thickness 0.125 in, Temperature 73.0 °F	Compression Molded; ASTM D256
Dart Drop Total Energy	111 J/cm @Thickness 3.17 mm, Temperature 22.8 °C	0.208 ft-lb/mil @Thickness 0.125 in, Temperature 73.0 °F	Procedure B, 0.125" Conical Dart

Thermal Properties	Metric	English	Comments
Vicat Softening Point	76.7 °C	170 °F	ASTM D638

Descriptive Properties	Value	Comments
Appearance	Opaque	

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