

Teknor Apex Sinvicomp SBC 3707 Polyvinyl Chloride, Rigid

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

Material Notes:

Notes: RoHS Compliant Availability: Asia Pacific Features: Food Contact Acceptable; Medium Impact Resistance Uses: Bottles; Containers

Forms: Pellets Processing Method: Blow Molding Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinvicomp-SBC-3707-Polyvinyl-Chloride-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792
Melt Flow	3.50 g/10 min @Load 21.6 kg, Temperature 190 °C	3.50 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	77	77	ASTM D2240
Tensile Strength, Yield	44.6 MPa	6470 psi	9.8 in/min; ASTM D638
Elongation at Break	140 %	140 %	9.8 in/min; ASTM D638
Izod Impact, Notched	1.49 J/cm	2.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	77.8 °C	172 °F	ASTM D1525

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