



APEX® 3200-45NT

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Plasticizer		
Features	• DEHP Plasticizer	• Ethylene Oxide Sterilizable	
Uses	• Connectors • Medical/Healthcare Applications	• Non-specific Food Applications • Valves/Valve Parts	
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (100% Strain)	325	psi	ASTM D638
Tensile Strength (Break)	1200	psi	ASTM D638
Tensile Elongation (Break)	480	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	45		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-50.8	°F	ASTM D746

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	310	°F

Notes

¹ Typical properties: these are not to be construed as specifications.