

# APEX® 3210-50NT

Flexible Polyvinyl Chloride

Teknor Apex Company

## Message:

APEX® 3210-50NT is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of APEX® 3210-50NT are:

Plasticized

Sterilizable

Typical applications include:

Electrical/Electronic Applications

Engineering/Industrial Parts

Food Contact Applications

Medical/Healthcare

General Information			
Additive	Plasticizer		
Features	DEHP Plasticizer		
	Ethylene Oxide Sterilizable		
Uses	Connectors		
	Medical/Healthcare Applications		
	Non-specific Food Applications		
	Valves/Valve Parts		
Appearance	Natural Color		
	Opaque		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Break	5.52	MPa	
100% Strain	2.07	MPa	
Tensile Elongation (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-42.2	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160	°C	

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Recommended distributors for this material

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