

# APEX® 77-W002-A

Flexible Polyvinyl Chloride

Teknor Apex Company

## Message:

APEX® 77-W002-A is a flexible polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is: extrusion. APEX® The main characteristics of 77-W002-A are: good flexibility.  
Typical application areas include:  
military applications  
Hose

General Information			
Features	Flexibility at low temperatures		
	Antibacterial property		
Uses	Pipe fittings		
	Military application		
Agency Ratings	MIL I-631-D Class A, Class I, Table U, F		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	16.5	MPa	ASTM D638
100% strain	9.58	MPa	ASTM D638
Tensile Elongation (Break)	420	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-44.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863
Additional Information			
温度额定值:80 °C绝缘电阻,莫姆/1000英尺:1e12最大伸长保持率,UL 1581,烘箱老化,7天,113°C:73 % 拉伸强度保持率,UL 1581,烘箱老化,7天,113°C: 108 %			
Extrusion	Nominal Value	Unit	
Melt Temperature	179	°C	

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Recommended distributors for this material

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