

# APEX® 55001

Flexible Polyvinyl Chloride

Teknor Apex Company

## Message:

APEX® 55001 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 features of 55001 are: Flame Retardant.

Typical application areas include:

Wire and cable

Electrical/electronic applications

General Information			
Features	Flame retardancy		
Uses	Communication wire sheath		
Wire Types	CL2R		
	CL3R		
	CMR		
	FPLP		
	MPR		
	OFNR		
Agency Ratings	NEC Article 725		
	NEC Article 760		
	NEC Article 770		
	NEC Article 800		
	UL 13		
	UL 1424		
Appearance	UL 444		
	Opacity		
	Particle		
Forms	Extrusion		
Processing Method			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	360	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-25.0	°C	ASTM D746

Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863
Additional Information			
原为 Apex 82-E254-V温度额定值:75 °C耐日光性UL认证:否			
Extrusion	Nominal Value	Unit	
Melt Temperature	191	°C	

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Recommended distributors for this material

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