

# Axiall PVC 19871

Flexible Polyvinyl Chloride

Axiall Corporation

## Message:

105 C rated insulation compound with very good migration and oil resistance. Recommended for toner resistant applications.

General Information			
Features	Good Flexibility		
	Low to No Migration		
	Oil Resistant		
Uses	Insulation		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36 to 1.40	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	84 to 90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.7	MPa	
100% Strain	12.1	MPa	
Tensile Elongation (Yield)	290	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation			UL 1581
Air Aging : 136°C, 762.0 μm <sup>1</sup>	91	%	
Oil Aging : 100°C, 762.0 μm <sup>2</sup>	87	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-14.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	
NOTE			
1.	168 hr		
2.	4 days		

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