

Axial PVC 4100-53

Flexible Polyvinyl Chloride

Axial Corporation

Message:

4100-53 is a flexible automotive insulation PVC compound formulated for thin wall, 100°C insulating applications per ISO 6722. The compound is optimized for superior flexibility and ease of installation and routing in 0.5 mm to 6.0 mm ISO conductor sized cables.

General Information			
Features	Good flexibility		
Uses	Insulating material		
	Application in Automobile Field		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35 - 1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	50 - 56		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	22.8	MPa	ASTM D638
100% strain	17.2	MPa	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.0	°C	ASTM D746
Melting Temperature	188	°C	

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