

SIMONA® PVC VS-1

Rigid Polyvinyl Chloride

SIMONA AMERICA, Inc.

Message:

SIMONA® PVC VS-1 is a Rigid Polyvinyl Chloride product. It is available in Europe, Latin America, or North America. Typical application: Wire & Cable.

General Information			
Agency Ratings	FM 4910		
	UL 2360, Class 1		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Shore Hardness	83		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3400	MPa	ASTM D638
Tensile Strength (Yield)	64.1	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	57	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	71.1	°C	
1.8 MPa, Unannealed	67.8	°C	
CLTE - Flow	6.0E-5	cm/cm/°C	ASTM D696

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