

# S&E; PVC GA-5789

Polyvinyl Chloride  
S&E; Specialty Polymers, LLC

Message:  
S & E PVC GA-5789 is a polyvinyl chloride product. It is available in North America. Typical application areas are: wire and cable.

General Information			
Uses	Wire and cable applications		
	Wire sheath		
Appearance	Available colors		
	Natural color		
Forms	Particle		
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			ASTM D2240
Shaw A	95		ASTM D2240
Shaw A, 15 seconds	91		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	12.1	MPa	ASTM D412
Tensile Strength (Yield)	17.2	MPa	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-29.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	8.0E+11	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
Additional Information			

Suggested Stock Temperature: 380°FTemperature Rating: 90°CMIn. Wall Thickness: 0.03 inches

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