

S&E Specialty Polymers GA-509OR PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Uncompounded

Material Notes:

Application: FR, UV and oil resistant PVC based compound with good low temperature properties. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GA-509OR-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 - 1.32 g/cc	1.26 - 1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77 - 83	77 - 83	ASTM D2240
Tensile Strength	14.1 MPa	2050 psi	ASTM D412
	14.24 MPa	2065 psi	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged
Elongation at Break	16.64 MPa	2413 psi	
	@Treatment Temp. 100 °C, Time 346000 sec	@Treatment Temp. 212 °F, Time 96.0 hour	Aging in ASTM Oil #2
Elongation at Break	375 %	375 %	ASTM D412
	243.75 %	243.75 %	
	@Treatment Temp. 100 °C, Time 346000 sec	@Treatment Temp. 212 °F, Time 96.0 hour	Aging in ASTM Oil #2
Elongation at Break	300 %	300 %	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-24.0 °C	-11.2 °F	ASTM D746
Oxygen Index	28 %	28 %	ASTM D2863

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