

PolyOne Geon™ Vinyl Wire & Cable WR7426L Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Typical Properties of Molded Slab (0.075); Not to be Construed as Specifications. Provisional Product Information - Physical and Mechanical properties based on initial production. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-WR7426L-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77	77	15 sec; ASTM D2240
Tensile Strength, Yield	15.2 MPa	2200 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	340 %	340 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-45.0 °C	-49.0 °F	ASTM D746
Oxygen Index	24 % @Thickness 1.91 mm	24 % @Thickness 0.0752 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 170 °C	320 - 338 °F	

Descriptive Properties	Value	Comments
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	
	Asia Pacific	

Descriptive Properties	Value [®]	Comments
	North America	
	South America	
Retention of Tensile Elongation	71%	121°C, 762.0 µm; 336 hr, UL Standard
Retention of Tensile Strength	120%	121°C, 762.0 µm; 336 hr, UL Standard
RoHS Compliance	RoHS Compliant	
Uses	Building Wire Jacketing	
	Wire & Cable Applications	
Wire Types	NMD90	
	NMWU	

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