

Generic PVC, Semi-Rigid

Semi-Rigid Polyvinyl Chloride

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PVC, Semi-Rigid
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29 - 1.58	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	60 - 96		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	16.9 - 31.3	MPa	ASTM D638
Fracture, 23°C	19.6 - 24.5	MPa	ASTM D638
23°C	20.5 - 27.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	150 - 360	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength (23°C)	130 - 176	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	60.0 - 105	°C	ASTM D794
Brittleness Temperature	-18.8 - -4.13	°C	ASTM D746
RTI	80.0 - 90.0	°C	UL 746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25 - 45	%	ASTM D2863
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 - 194	°C	
Injection instructions			

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