

# Quadrant EPP PVC, Type I, Grade 1

Polyvinyl Chloride

Quadrant Engineering Plastic Products

Message:

Quadrant EPP PVC, Type I, Grade 1 is a Polyvinyl Chloride product. It is available in North America.

Characteristics include:

Flame Rated

Chemical Resistant

General Information			
Features	Acid Resistant		
	Alcohol Resistant		
	Alkali Resistant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm³	ASTM D792
Water Absorption			ASTM D570
24 hr	< 0.040	%	
Saturation	< 0.040	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	89		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3210	MPa	ASTM D638
Tensile Strength (Ultimate)	57.6	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	2740	MPa	ASTM D790
Flexural Strength (Yield)	57.6	MPa	ASTM D790
Compressive Modulus	2410	MPa	ASTM D695
Compressive Strength (10% Strain,23°C)	82.7	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256A
Thermal	Nominal Value	Unit	
Maximum Use Temperature - Long Term, Air	60	°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+12	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.18 mm, Estimated Rating)	V-0		UL 94

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Recommended distributors for this material

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