



**LEHIGH VALLEY  
PLASTICS**

We Shape The Industry

## CPVC

### Chlorinated Polyvinyl Chloride

Property	Method	SI Unit	SI Value	English Unit	English Value
Density	ASTM D-792	g/cc	1.55	lbs/ft <sup>3</sup>	96.69
Yield Point	ASTM D-638	MPa	55.2	psi	8000
Tensile Modulus	ASTM D-638	MPa	2482.8	psi	5075
Flexural Modulus	ASTM D-790	MPa	2862	psi	415,000
Flexural Strength	ASTM D-790	MPa	103.45	ft-lbs/in <sup>2</sup>	15,000
Izod Impact @73°F	ASTM D-256	J/m	80.3	ft-lbs/in	1.5
Hardness	ASTM D-785	Rockwell R	119	Rockwell R	119
Coefficient of Thermal Exp.	ASTM D-696	<sup>0</sup> C <sup>-1</sup>	0.00006	<sup>0</sup> F <sup>-1</sup>	0.000034
Dielectric Strength	ASTM D-149	Volts/mil	1250	Volts/mil	1250
Dielectric Constant	ASTM D-150	1,000 Hz	3.70	1,000 Hz	3.70
Power Factor	ASTM D-150	1,000 Hz	0.007	1,000 Hz	0.007
Flammability Rating	UL-94		V-0/5VA		V-0/5-VA

\* Values are averages and are not specifications.

\*\* ASTM test methods are under current procedures.

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