

CPVC (Chlorinated Polyvinyl Chloride)

DESCRIPTION:

CPVC provides a good balance of high temperature performance, stiffness, impact resistance and inherent UL94 flame performance. Available in natural color, and pre-colored grey.

PROPERTY	TYPICAL VALUE	UNITS	ASTM METHOD
PHYSICAL			
Rockwell Hardness	112	R scale	D-785
Specific Gravity	1.5		D-792
MECHANICAL			
Flexural Modulus	335,000	psi	D-790
Flexural Strength	12,000	psi	D-790
Tensile Strength	6500	psi	D-638
Tensile Modulus	326,000	psi	D-638
Notched Izod Impact @ 23°C	5.4	ft-lb/in	D-256
THERMAL			
Heat Deflection Temp 0.125 in @ 264 psi	217	°F	D-648
Coefficient of Linear Thermal Expansion	4.0×10^{-5}	in/in/°F	D-696
FLAMMABILITY			
Flame rating – UL at 0.040" at 0.060"	V-0 5VA		UL 94

The information provided above is based on typical values, and is believed to be reliable. No warranty is given as to the suitability of the product for a particular application. Determination of the suitability of this product for any use is solely the responsibility of the user.