



## Polystone® PVDF

This product provides extremely high resistance to corrosion and chemicals. It is used in chemical handling systems and is ideal for tank linings

**Available in:** SHEET, FABRIC BACKED SHEET

### Applications:

- Chemical Tank
- Liners, Fittings,
- Machined Components.

### Sheets, extruded

1 - 12 x 1000 x 2000 mm

### Sheets, extruded-fabric backed

3 - 4 x 1500x 3000 mm

### Sheets, pressed

Available up to 4" thick

Standard Color Natural

Polystone®					
Physical Properties Property	Units	Polystone®			
		ASTM Test	G (HDPE)	P (PP)	PVDF
Density	gm/cm <sup>3</sup>	D792	0.95	0.91	1.76
Tensile Strength at Yield	psi	D638	4700	4900	6300
Tensile Elongation at Yield	%	D638	900	12	10
Flexural Strength	psi	D790	–	7000	9800
Flexural Modulus	psi	D790	200,000	180,000	290,000
Izod Impact-Notched @ 73°	ft-lbs/inch	D256	3.1	1.9	3.6
Heat Deflection Temperature 73°	°F@66 psi	D648	–	210	260
Mean Coefficient of Linear Thermal Expansion	in/in/°F	D696	–	6.2x10 <sup>-5</sup>	6.2x10 <sup>-5</sup>
Hardness	Shore D	D785	67	72	82
Water Absorption	%	D570	0	0.008	0.04

Values shown are averages and should not be used as contractual property values.  
Specific property value requirements should be specified in the purchase agreement.