



DAKOTA POLY VINYL CHLORIDE DAKOTA PVC 50 & DAKOTA PVC 60

Properties	Test Method	Dakota PVC 50	Dakota PVC 60
Thickness (Nominal)	ASTM D5199	50 +/-2.5 mil 1.27 +/- .06 mm	60 +/-3 mil 1.52 +/- .08 mm
Tensile Properties (lbs/in) Strength at Break (kN/m)	ASTM D882	116 20.3	137 24.0
Elongation (%) Modulus at 100% (lbs/in) (kN/m)		430 50 8.8	450 60 10.5
Tear Strength (lbs) (N)	ASTM D1004	13 58	15 67
Dimensional Stability (%)	ASTM D1204	3	3
Low Temperature Impact	ASTM D1790	-20°F -29°C	-20°F -29°C
Specific Gravity (g/cc)	ASTM D792	1.2	1.2
Water Extraction % Loss	ASTM D1239	0.2	0.2
Average Plasticizer Molecular Weight	ASTM D2124	400	400
Volatile Loss % Loss Max	ASTM D1203	0.5	0.5
Soil Burial Max Change Break Strength (%) Elongation (%) Modulus at 100%	ASTM G160	5 20 20	5 20 20
Hydrostatic Resistance	ASTM D751	150 psi 1030 kPa	180 psi 1240 kPa

Note: The values listed are typical properties and are intended to be used as guidelines only, not as specification limits. No guarantee or warranty is made by Integra Plastics, Inc. as the manner of use, handling and site conditions are beyond our control. Install in accordance with accepted industry standards.