



DAKOTA POLY VINYL CHLORIDE DAKOTA PVC 20, DAKOTA PVC 30 & DAKOTA PVC 40

Properties	Test Method	Dakota PVC 20	Dakota PVC 30	Dakota PVC 40
Thickness (Nominal)	ASTM D5199	20 +/-1 mil 0.51 +/-0.03 mm	30 +/-1 mil 0.76 +/-0.04 mm	40 +/-2 mil 1.02 +/-0.05 mm
Tensile Properties (lbs/in) Strength at Break (kN/m)	ASTM D882	48 8.4	73 12.8	97 17
Elongation (%) Modulus at 100% (lbs/in) (kN/m)		360 21 3.7	380 32 5.6	430 40 7
Tear Strength (lbs) (N)	ASTM D1004	6 27	8 35	10 44
Dimensional Stability (%)	ASTM D1204	4	3	3
Low Temperature Impact	ASTM D1790	-15°F -26°C	-20°F -29°C	-20°F -29°C
Specific Gravity (g/cc)	ASTM D792	1.2	1.2	1.2
Water Extraction % Loss	ASTM D1239	0.15	0.15	0.2
Average Plasticizer Molecular Weight	ASTM D2124	400	400	400
Volatile Loss % Loss Max	ASTM D1203	0.9	0.7	0.5
Soil Burial Max Change Break Strength (%) Elongation (%) Modulus at 100%	ASTM G160	5 20 20	5 20 20	5 20 20
Hydrostatic Resistance	ASTM D751	68 psi 470 kPa	100 psi 690 kPa	120 psi 830 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.