



DAKOTA HIGH DENSITY POLYETHYLENE HDPE 30, HDPE 40, HDPE 60 TEXTURED

Properties	Test Method	HDPE 30	HDPE 40	HDPE 60
Thickness (min ave) Lowest individual for 8/10 values Lowest individual for 10/10 values	ASTM D5199	29 mil 27 mil 26 mil	38 mil 36 mil 34 mil	57 mil 54 mil 51 mil
Asperity Height (min ave)	GRI-GM-12	10 mil	10 mil	10 mil
Resin Density (g/cc)	ASTM D1505	>0.932	>0.932	>0.932
Melt Index (g/10 min.)	ASTM D1238	1.0	1.0	1.0
Sheet Density (g/cc)	ASTM D1505	>0.94	>0.94	>0.94
Carbon Black Content (%)	ASTM D4218	>2.0/<3.0	>2.0/<3.0	>2.0/<3.0
Carbon Black Dispersion	ASTM D5596	Category 1 & 2	Category 1 & 2	Category 1 & 2
Oxidation Induction Time (min ave)	ASTM D3895	100	100	100
Tensile Properties (min ave) Strength at Yield Elongation at Yield Strength at Break Elongation at Break	ASTM D663	66 ppi 12% 66 ppi 150%	88 ppi 13% 88 ppi 150%	132 ppi 13% 132 ppi 150%
Tear Resistance (min ave)	ASTM D1004	23 lbs.	30 lbs.	45 lbs.
Puncture Resistance (min ave) (ASTM)	ASTM D4833	60 lbs.	90 lbs.	120 lbs.
Dimensional Stability (%)	ASTM D1204	+/- 2	+/- 2	+/- 2
Stress Crack Resistance (SP-NCTL)	ASTM D5397	300 hr.	300 hr.	300 hr.
Oven Aging (min ave)	ASTM D5721 ASTM D5885	80%	80%	80%
UV Resistance (min ave) (GRI-GM-11)	ASTM D5885	50%	50%	50%

Supply Specifications (Roll dimensions may vary +/- 1%)

Roll Dimension - Width	22.3 ft.	22.3 ft.	22.3 ft.
Roll Dimension - Length	1,000 ft.	780 ft.	520 ft.
Area (Surface/Roll)	22,300 sq ft.	17,394 sq ft.	11,596 sq ft.

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.