



## Dakota HDPE 60 Smooth (SX) Specification Sheet

<u>Properties</u>	<u>Test Method</u>	<u>Frequency</u>	<u>Unit</u>	<u>Value</u>
Thickness (min. ave) (min)	ASTM D 5199	Every Roll	mils	60 54
Resin Density	ASTM D-1505	1/batch	g/cc	>0.932
Melt Index	ASTM D-1238	1/batch	g/10 min.	1.0
Sheet Density	ASTM D-1505	Every 2 rolls	g/cc	>0.94
Carbon Black Content	ASTM D-4218	Every 2 rolls	%	>2.0/<3.0
Carbon Black Dispersion	ASTM D-5596	Every 6 rolls	Category	Cat. 1 & 2
Oxidation Induction Time (min. ave)	ASTM D-3895	1/Batch	min.	100
Tensile Properties (min. ave)	ASTM D6693	Every 2 rolls		
Strength at Yield			ppi	130
Elongation at Yield			%	13
Strength at Break			ppi	243
Elongation at Break			%	700
Tear Resistance (min. ave)	ASTM D-1004	Every 6 rolls	lbs	42
Puncture Resistance ASTM (min. ave)	ASTM D-4833	Every 6 rolls	lbs	122
Dimensional Stability	ASTM D-1204	Every 6 rolls	%	+/- 2
Stress Crack Resistance (SP-NCTL)	ASTM D-5397	1/Batch	hr.	300
Oven Aging (min. ave)	ASTM D-5721	Per formulation	%	55
UV Resistance GRI-GM-11 (min. ave)	ASTM D-5885	Per formulation	%	50
<b>Supply Specifications (Roll dimensions may vary +/- 1%)</b>				
Roll Dimension – Width			ft	22.3
Roll Dimension – Length			ft	520
Area (Surface/Roll)			sf	11,596

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.