

## Steppe Substrate Biodegradable High Impact Polystyrene

### Description:

Steppe Substrate, biodegradable high impact polystyrene is economical, stable and environmentally friendly. Thin gauge material is delivered in 54” wide rolls, and heavy gauge (over .020”) in rigid sheets of 8’x4’. Steppe is easily manipulated for use in a variety of POP displays and exhibit graphics. It is an excellent direct print substrate and may replace closed cell foam PVC for certain applications.

### Characteristics:

- Superior ink receptivity using direct print ecosolvent inks, flexo, offset and screen processes
- Excellent for display and P.O.P. applications.
- Can be guillotine cut, die cut, and punched.
- Excellent dimensional stability for mounting substrate.
- Environmentally friendly.
- Biodegradable: will degrade when disposed of in an anaerobic environment (e.g. landfill)
- Typical degradation takes between nine months and five years dependant on specific site conditions.
- Will not degrade under normal atmospheric conditions beyond expected wear.

### Size Available (Sheets):

All items are delivered as cut 8’x4’ sheets.

Size (In)	Min. Order (Sheet)	Lbs/Sheet
0.060	475 Shts	10.51
0.090	350 Shts	15.76
1/8” (0.118)	200 Shts	20.66

### Size Available (Rolls):

Size (In)	Width (In)	Length (Ft)	Min. Order (Rolls)	Lbs/Roll
0.010	54”	150	5	50lbs

Note: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the “Information”) shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Ecorite Imaging shall have no liability as a result of any loss, expense, damage, cost or other injury which result from Purchaser’s reliance on the Information.

## Steppe Substrate Biodegradable High Impact Polystyrene

*Technical Data:*

Properties	Typical Values	Test Method
Thickness - tolerance is $\pm 5\%$ or .001 max (whichever is greater)	0.010" - 0.125"	T 411
Yield	2.75 MSI/lb @ 0.010"	T410
Specific Gravity	1.03 g/cm <sup>2</sup>	D 1505
Tensile Strength	MD 2700 psi TD 3500 psi	D 882
Elongation	MD 30% TD 50%	
Tear Resistance @ 0.010"	Initiated MD .15 lbs TD .39 lbs	D 1938
	Uninitiated MD 2.3 lbs TD 3.1 lbs	D 1004
HDT @ 264 psi*	185°F	D 648
Stiffness @ 0.010"	MD 14.2 Taber Units TD 15.6 Taber Units	
*indicates data was obtained from molded samples only, in an un-annealed state.		

Note: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Ecorite Imaging shall have no liability as a result of any loss, expense, damage, cost or other injury which result from Purchaser's reliance on the Information.