

**TK42810****Product Data**

10 mil HGS High Grade Synthetic Film

General Description: This 10 mil HGS High Grade Synthetic Film is designed for label face stock and tag. It has a chemical coating on both sides for enhanced printability with a wide variety of laser toner, thermal transfer, UV curable and flexographic inks.

PROPERTY		UNIT	TYPICAL VALUE	TEST METHOD
Thickness		μ m	250	ASTM D 374
		(mil)	(10)	
Total Luminous Transmittance		%	2	JIS K 7105
Specific Gravity		g/cm ³	1.1	ASTM D 1505
Tensile Strength	MD	MPa	108	ASTM D 882
	TD		118	
Elongation	MD	%	78	JIS C 2318
	TD		49	
Thermal Shrinkage	MD	%	1.2	ASTM D 1204 (150°C X 30min.)
	TD		0.7	
Color Hunter	L	%	94.7	JIS K 8722
	a		-0.5	
	b		1.6	
Surface Resistivity	F	log Ω	11	JIS K 6911
	B		11	

HGS 10 mil Advantages:

- Good adhesion to UV cure inks and flexographic water base ink
- Conventional typical ink (solvent type) is also available
- Anti-static
- Good toner adhesion for laser beam printing
- Good ink adhesion for thermal transfer printing
- Pencil writable

The applications suggestions, specifications and other data described here are based on experience that is believed by Tekra Corporation to be reliable. Because of the characteristics of these products, you should, before using these products in production, perform your own tests to determine to your satisfaction whether these products are acceptable and suitable for your particular purposes under your operation conditions.

Any order for these products will be subject to Seller's terms and conditions of sale.