PressSense Krystal Matte Soft Touch

PressSense Krystal Matte Soft Touch is a PET based, one side soft matte coated & other side corona treated.

Characteristics

PET based, one side high matte finish and other side treated film.
Possesses low gloss and high frictional properties.
Good resistance to scuff.
Good bond strength with various flexible packaging laminates.
Good performance on FFS machine.
High transmittance for better reverse printability.
Aesthetic appeal.

Applications

Medium Antiskid bags & pouches
Food packaging application

Typical Values

Properties		Unit	Test Method	
Nominal Thickness		Micron Gauge Mil		14 56 0.56
Unit Weight (+/- 5%)		gm/m²	Internal Method	18.3
Yield		Lbs/ream m²/kg in²/lb		11.2 54.6 38387
Mechanical Properties				
Tensile Strength	MD TD	Kg/cm2	ASTM D-882	1800-2200 200-2300
	MD TD	psi		25601-31290 28446-32712
Elongation Break	MD TD	%	ASTM D-882	90-100 70-90
Thermal Properties				
Thermal Shrinkage (at 150°C / 30 mins)	MD TD	%	ASTM D-1204	2.0-2.5 0.2-0.6
Surface Properties				
COF (Dynamic)	Matte/Matte	--	ASTM D-1894	0.40-0.60
Surface Tension (Min.)	Matte Side	Dyne/cm	ASTM D-2578	48
	Corona Side			40
Optical Properties				
Haze (Min.)		%	ASTM D-1003	85-95
Transmittance		%	ASTM D-1005	90
Gloss (45°)		Gardner	ASTM D-2457	6.0-10.0

A storage temperature below 30°C & humidity 55±5 % is recommended in order to avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay,which can affect the quality of printing and coating. It is recommended to use the material on FIFO basis and within six months from the date of production.

Typical properties should be referenced as a general guide, not as a guarantee. Testing should be completed on material based on individual customer systems, efficiencies, temperatures and applications as properties can change based on customer production methods.