

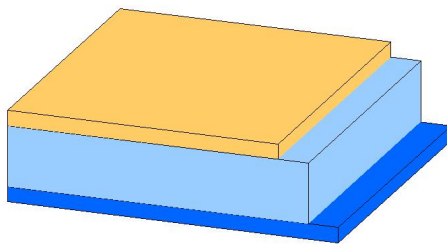





Polyfilm Polyplex Polyester Films

Type: HS200 Co extruded PET film 20my

Polyfilm HS UV treated Co extruded polyester film with one side heat sealable surface. It exhibits excellent heat seal, thermal and mechanical properties. The film further offers good UV absorption properties. Heat seal surface is designed to seal to itself, thermoformed APET, CPET, Unsaturated polyesters, paper. HS does not seal against polyolefins (PE, PP) and PS. HS seals are not peelable.

Composition



-  heat seal surface
-  core
-  UV treated surface

treatment

HS200 = heat sealable surface inside

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	20	Polyplex Method	
Yield	m^2/kg	35.80	Polypex Method	
Unit weight	g/m^2	28		
Density	g/cm^3	1.4		
Elongation at break	MD %	140	ASTM D-882	
	TD %	130		
Tensile strength	MD kg/cm^2	1700	ASTM D-882	
	TD kg/cm^2	1800		

Property	Units	Nominal	Method	Conditions
Thermal Properties				
Sealing temperature range	Deg.	max. 200	Polyplex Method	
Seal Strength (HS-HS)	Gm/25mm	600	Polyplex Method	140 Deg. 2 sec, 3.0 kg/cm ²
Heat shrinkage	MD %	1.6	ASTM D-1204	150 Deg. C/30 minutes
	TD %	0.2		
Surface Properties				
Co-efficient of friction static		0.50	ASTM D-1894	
Co-efficient of friction dynamic		0.40	ASTM D-1894	
Optical Properties				
Haze	%	1.5	ASTM D-1003	

Disclaimer

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