

POLYCO_{B&A} films

By Cosio Industries Ltd

PRODUCT SPECIFICATIONS

PROPERTIES	125mu	250mu
Gauge.....	125um (.005")	250um(.010")
Colour.....	Black/Natural.....	Black/Natural
Colourant.....	Carbon Black.....	Carbon Black 2.5%
Toxicity	Non Toxic	Non Toxic
Mfg Process.....	Co-Extrusion	Co-Extrusion
Mfg Tolerances Gauge	+ / - 15%.....	+ / - 15%
Specific Gravity.....	0.915-0.925 g/cm3	
Tensile Strength kg/cm2.....	20 Mpa	
Puncture resistance ASTM E154-88	157.8N, 6.0 Nm	
Tear Resistance ASTM D1004	25.1 Newtons	
Elongation percent.....	400%	500%
Water Absorption % 24hrs.....	less than .01%.....	less than .01%
Burning Rate.....	slow	slow
Melting Temperature centigrade.....	120-260	120 - 260
Resistance to heat - Centigrade	82 - 90 C	82-90
Resistance to cold - Centigrade.....	-50 C	-50
Dielectric Strength volts/ml	470	470

Resistance to Substances

Substance	Effect
Water	Nil
Ageing.....	Negligible
Dilute Acids.....	Negligible
Conc Non Oxidising Acids	Resistant
Conc Oxidising Acids.....	Attacked
Weak Alkalies	Nil
Strong Alkalies.....	Nil
Oxidising Agents.....	Nil
Halogens.....	Slight Attack
Mineral Oils.....	Absorption
Food Products - oily.....	Absorption
Food products - non oily	Resistant
Ammonia.....	Nil
Ethyl Alcohol.....	Nil
Methyl Alcohol	Nil
Organic Solvents	Nil
Isopropyl Alcohol	Nil
Inorganic Salts	Nil
Sunlight UV exposure.....	Slow degradation
Ground Bacteria	Nil
Sea Water.....	Nil

The above test results may vary due to manufacturing tolerances. Not every roll is tested and the above are general test figures for the grades specified.