

Specification Sheet for Polythene Films

Polyco Polythene Films

Stock Code CI250

Product Specifications

Properties	250MU
Gauge	250um (.005")
Colour	Black
Colourant	Carbon Black 2.5%
Toxicity	Non toxic
Mfg Process	Co-Extrusion
Mfg Tolerances Gauge	+/- 15%
Specific Gravity	951kg/m3
Tensile Strength Kg/cm2	22 M.p.a
Puncture resistance ASTM E154-88	157.8 N, 6.0 Nm
Tear Resistance ASTM D 1004	25.1 Newtons
Elongation percent	500%
Water Absorption % 24hrs	Less than .01%
Burning Rate	Slow
Melting Temperature centigrade	120-260
Resistance to heat - Centigrade	80 – 90 C
Resistance to cold - Centigrade	-50 C
Dielectric Strength volts/ml	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 Salts	Nil
Sunlight UV exposure	Slow degradation
Ground Bacteria	Nil
Sea Water	Nil