HDPE BLOW MOULDING

HB 0035

Reference Properties

Typical test	Unite	SPECIFICATION	Test Method
MELT FLOW INDEX(190°C/2.16 Kg)	gr/10 min	0.28-0.43	ASTM D-1238
DENSITY	gr/cm3	0.956-0.962	ASTM D-1505
IZOD IMPACT STRENGTH	Kg.cm/cm	MIN 25	ASTM D-256
YELLOW INDEX	-	MAX -5	ASTM D-1925
ASH CONTENT	% wt	MAX 0.06	ASTM D-1063
VOLATILE MATTER	% wt	MAX 0.05	ASTM D-1960
TENSILE STRENGTH @ BREAK	Kg/cm2	MIN 290	ASTM D-638
ELONGATION	%	MIN 900	ASTM D-638
TENSILE STRENGTH @ YIELD	Kg/cm2	MIN 250	ASTM D-638
MELTING POINT	°C	130-131	ASTM D-2117
HARDNESS SHORE D	-	62-64	ASTM D-2240
SOFTENING POINT	°C	125-128	ASTM D-1525
CHLORINE CONTENT	wt ppm	Max 60	X - RAY
TITANIUM CONTENT	wt ppm	Max 6	X - RAY
Ca STEARATE CONTENT	wt ppm	Min 700	X - RAY
IRGAFOS 168 CONTENT	wt ppm	C Min 140	X - RAY
IRGANOX 1010 CONTENT	wt ppm	Min 140	X - RAY
ESCR	hr	Min 15	ASTM D-1693