

EASTLON PET CB-602 (CLEAR)

PHYSICAL PROPERTY DATA SHEET

Product Name : EASTLON PET CB-602
 Chemical Name : POLY (Ethylene Terephthalate - Isophthalate)
 Formula : $(OCOC_6H_4COOCH_2CH_2)_n$
 Manufacturer : FAR EASTERN TEXTILE LIMITED
 33F NO 207 SEC 2 Tun Hwa S. RD Taipei Taiwan
 TEL: 886-2-27338000 FAX : 886-2-27368304
 Version : Jan. 2006

Property, Units	Test Method	Value
Density, g/cm ³	ASTM-D-1505	1.40
Bulk Density, lb/ft ³ (kg/m ³)		
Poured	ASTM-D-1895	49 (785)
Vibrated		54 (870)
Melt Density, @285°C, g/cm ³	-	1.2
Molecular Number average (Mn)	-	28,000
Molecular Weight average (Mw)	-	42,000
Intrinsic viscosity *	ASTM-D-4603	0.80 ± 0.02
Crystallinity, %	-	> 45
Crystalline Peak Melting Point, °C	ASTM-D-3418	250 ± 5
Heat of Fusion, Cal/g (J/kg)	DSC	14 (58 * 10 ³)
Thermal Conductivity, Cal/cm°C. S(W/m.k)	ASTM-D-177	6.5*10 ⁻⁴ (0.27)
Acetaldehyde, ppm	Celanese-Method	< 1.0
Diethylene Glycol, % by wt.	-	< 1.5
Pellets Weight, g/100 grains	-	1.6 ± 0.2

* Eastlon PET CB-602 is a condensation polymer produced from pure terephthalic acid (PTA), isoterephthalic acid (IPA) and ethylene glycol (EG) using a continuous polymerization.

* Packing : 1,000 or 1,050kgs in PP woven bag with PE interlining.
20bags or 20,000kgs in one 20 feet container.

* Properties reported here are typical of average lots. Far Eastern Textile LTD. Makes no representation that the material in any particular shipment will conform exactly to the values given