



## 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 INDUSTRIES (SHANGHAI) LTD.

Property, Units	Test Method	Value
Density, g/cm <sup>3</sup>	ASTM-D-1505	1,40
Bulk Density, lb/ft <sup>3</sup> (kg/m <sup>3</sup> ) Poured Vibrated	ASTM-D-1895	49 (785) 53 (850)
Melt Density, @285°C, g/cm <sup>3</sup>	-	1,2
Molecular Number average (Mn)	-	26,000
Molecular Weight average (Mw)	-	52,000
Intrinsic viscosity *	ASTM-D-4603	0.80 +/- 0.02
Crystallinity, %	-	> 50
Cristalline Peak Melting Point, °C	ASTM-D-3418	245
Heat of Fusion, Cal/g (J/kg)	DSC	14 (58* 10 <sup>3</sup> )
Thermal Conductivity, Cal/cm °C.S. (W/m.k)	ASTM-D-177	6.5*10 <sup>4</sup> (0.27)
Acetaldehyde, Ppm	Celanese-Method	<1.0
Diethylene Glycol, % by wt.	-	< 1.5
Pellets Weight, g/100 grains	-	1.7 +/- 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) 1,000 kgs in PP woven bag with PE Interlining  
20 bags or 20,000 kgs in one 20-foot container.  
(2) 25 kgs in craft bag.

\* Properties reported here are typical of average lots. FAR EASTERN INDUSTRIES (SHANGHAI) LTD. makes no representation that the material in any particular shipment will conform exactly to the values given.