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 NEW CENTURY CORPORATION		
	33F No. 207 Sec 2 Tun Hwa S. RD Taipei Taiwan 🦯 📍		
	TEL: 886-2-27338000 FAX : 886-2-27368304		
Version	: "'F GE '''4235		

Test Method 📈	Value
ASTM-D-1505	1.40
ASTM-D-1895	49 (785)
	54 (870)
-	1.2
-	28,000
	42,000
ASTM-D-4603	$0.80~\pm~0.02$
	> 45
ASTM-D-3418	250 ± 5
DSC	14 (58 * 10 ³)
ASTM-D-177	6.5*10 ⁻⁴ (0.27)
Celanese-Method	< 1.0
_	1.3 ± 0.2
_	1.5 ± 0.2
	ASTM-D-1505 ASTM-D-1895 - - - ASTM-D-4603 - ASTM-D-4603 - ASTM-D-3418 DSC ASTM-D-177

* 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 : 1,100 or 1,050kgs in PP woven bag with PE interlining. 20bags in one 20 feet container.
- Properties reported here are typical of average lots.
 FENCC makes no representation that the material in any particular shipment will conform exactly to the values given.



Tairilin Chip General Specifications

Specification:CNGFA080Description:A-grade Bottle ResinLot No:AA20

Property	Unit	General Specification	Test Method
A. IV (Intrinsic Viscosity)	dL/g	0.800 ± 0.02	NALC-QC-104
B. Color1. L, Luminance2. b, Yellowness		84.0 ± 3.0 -2.0 ± 3.0	NALC-QC-106
C. Melting Point	°C	246 ± 3	NALC-QC-115
D. Acetaldehyde Content	ppm	< 1.00	NALC-QC-410

1. Nan Ya PET resin complies with the U.S. FDA Code of Federal Regulations Title 21 part 177.1630 and EC Directive 2002/72/EC with respect to its use for food contact applications.

2. Typical drying conditions:

Maximum acceptable moisture level: 40ppm

Drying air temp: 160-180°C

Drying air dew point: < -40°C Drying residence time: 4 - 6hours

3. Typical molding conditions:

Barrel temperatures: 275-285 °C

The conditions stated above are typical but not specific. Individual machine conditions will vary from machine to machine.



PET RESIN PQS MW

This resin targets the bottled water market but is also suitable for any product that needs superior clarity and gloss. Quality and stability allow molding in wide processing windows and designing lightweight containers. **PQS MW** is a copolymer resin formulated to provide extra clear containers with low acetaldehyde level and superior performance in the production of performs and bottles.

PACKAGING APPLICATIONS

.Still water .Beverages .Edible oil .Food packaging .Pharmaceuticals .Cosmetics .Household cleaning products

Product Specification

PARAMETER	UNIT	SPECIFICATION	TEST METHOD	
Intrinsic Viscosity	dl/g	0.80 ± 0.2	ASTM D 4603	
Color L*		Min. 87.5		
Color b*		Max. 0	HunterLab Colorimeter	
Melting Point	°C	250	DSC	
Acetaldehyde	ppm	Max. 1	GC	
Fine Particles	ppm	Max. 100	Gravimetric	

Commercial Office

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PREFORMANCE[®] PET 1708CC

DESCRIPTION

PREFORMANCE[®] PET 1708CC is a food grade PET copolymer that is suitable for a wide variety of beverage and juice containers as well as many other custom containers. It is engineered for heat-set applications and offers exceptional clarity and color. The low acetaldehyde content in the resin helps eliminate any impact on aroma and flavor.

PREFORMANCE[®] PET 1708CC resin is considered safe for food packaging applications based upon compliance with FDA Regulation 21 CFR Section 177.1630 and USP 661 specifications. 1708CC also has a Drug Master File registered with the FDA.

WARRANTY

Starpet Inc. warrants that its products will comply with the specifications and related regulatory compliance detailed in its publications. No other warranty, either expressed or implied regarding the suitability of the product for any particular purpose is made. The Buyers are expected to make their own determination about the safety, health, environmental protection and suitability of use for their intended purpose. No warranty is made of the merchantability or fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

July 15, 2010



PREFORMANCE[®] PET 1708CC

SALES SPECIFICATION

Polyethylene Terephthalate (PET) Resin

Property	Value	Starpet Method
Intrinsic Viscosity (dl/g)	0.80 ± 0.02	QSWI 8.2.4.101
Color, CIE L* b*	85 ± 2.5 -1.0 ± 2.0	QSWI 8.2.4.104
Acetaldehyde (ppm)	≤ 1.0	QSWI 8.2.4.114
Bulk Density (lbs/ft ³)	56	QSWI 8.2.4.150
Dust (ppm)	≤ 300	QSWI 8.2.4.132
Moisture (wt. %)	≤ 0.25	QSWI 8.2.4.112
Contaminants/Black Specs	None	

Note

Please note that PET is hygroscopic and the moisture content can go up from the reported value during storage and transit. Also, please note that the dust value is as packed.

July 15, 2010

台南紡織公司太子廠

TAINAN SPINNING CO., LTD. TAITZ PLANT

瓶片酯粒規格表

Specification of bottle chip

批號 Lot No	BT280	規格 Article	A級
No	檢驗項目	管制界線	備註
1	特性黏度		
	(IV)	0.80±0.02	
9	羧基(meq/kg)	× 95	
2	(-COOH)	< 35	
3	b值	-2. 0±2. 0	
	(b value)		
4	熔點(℃)	246.5±3.0	
	(M.P)		
5	乙醛(ppm)	< 1	
	(AA)		
6	粒重(g/100粒)	1.6±0.2	
	(g/100 chips)		
7	L值	0.4+9	
	(L value)	84±2	
8	含水率(%)	< 0.4	
	(Water Content)		

