PETResinGlobal

Technical Data Sheet

Manufacturer:

Shahid Tondguyan Petrochemical Co

Brand:

PARS PET

Product:

Polyethylene Terephthalate (Bottle grade)

Grade:

BG-800

Application:

CSD, Carbonated Water, Edible Oil, Alcoholic Beverage, Pharmaceuticals, Wide Mouth Jars, APET sheet, Strapping

Typical Data:

Parameter	Unit	Typical Value	Test method
Intrinsic Viscosity(IV)	dl/gr	0.80±0.02	Ubbelhode
DEG Content	%wt	Max1.5	GC
Color(CIE Lab)	L	>90	Spectroscopy
	b	<2	
Carboxyl End Group	meq/gr	Max 32	ZIMMER WN-B010-7090E
Melting Point	ºC	248±2	ZIMMER WN-B010-7089E
Acetaldehyde (AA)	ppm	<1	ZIMMER WN-B010-9013E
Water Content	%wt	<0.3	ZIMMER WN-B010-7089E

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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Product Description:

Polyethylene Terephthalate bottle grade chips (highly viscous) is a condensation polymer produced by a continuous meltphase polymerization process followed by a solid state polymerization process ,with an I.V of 0.75-0.85 .The products has an excellent transparency and gloss ,an outstanding gas barrier against oxygene and carbon dioxide,and outstanding toughness and impact strength.

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