



Persian Gulf Petrochemical Industries Co.
TECHNICAL SPECIFICATION

PRODUCT	POLYETHYLENE TEREPHTHALATE
GRADE	PARS PET-BG780 S (BOTTLE GRADE)

REFERENCE PROPERTIES

Item	Unit	Specification	Method
Intrinsic Viscosity	dl/g	0.78 ± 0.02	ISO 1628-5
			in combination with NP/PET05
DEG	wt%	≤1.5	ASTM E2409-4
			in combination with WN-B010-9008E
Color (CIE Lab)	L*	≥95	ASTM D6290-5
	b*	≤1.0	in combination with WN-B010-7110E
Carboxyl End Group	meq / Kg	≤32	ASTM D7409-7
			in combination with WN-B010-7013E
Melting Point	°C	249±3	ASTM D3418-3
			in combination with WN-B010-7089E
Acetaldehyde	ppm	≤1.0	ASTM F2013-5
			in combination with WN-B010-9013E
Water Content	wt%	≤0.3	ASTM D6869-3
			in combination with WN-B010-7168E



