

# PET 821 آنالیز

(شیمی پل)



## CERTIFICATE OF ANALYSIS

Product	Polyethylene Terephthalate (Copolymer)
LOT No.	
Grade	PARS PET-BG821 (Bottle Grade)
Issue Date	

### Laboratory Analysis Report

Item	Unit	Specification	Avg. Result	Method
Intrinsic Viscosity	dl/g	0.82 ± 0.02		ISO 1628-5 in combination with NVPET05
DEG Content	wt%	≤1.5		ASTM E2409-4 in combination with WN-B010-9008E
Color (CIE Lab)	L*	≥90		ASTM D6290-5 in combination with WN-B010-7110E
	b*	≤2.0		
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-B010-7159E

Note: 1)Water Content determined before packing.  
2)Color Determined after Crystallization & grinding.  
3) All presented parameters would be the average of lab results.

SIGN: \_\_\_\_\_  
LABORATORY MANAGER

SIGN: \_\_\_\_\_  
PROCESS ENGINEERING

