



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
<i>Intrinsic Viscosity</i>	dl/g	0.82 ± 0.02		ISO 1628-5 <small>in combination with NVPET05</small>
<i>DEG Content</i>	wt%	≤1.5		ASTM E2409-4 <small>in combination with WN-B010-9008E</small>
<i>Color (CIE Lab)</i>	L*	≥90		ASTM D6290-5 <small>in combination with WN-B010-7110E</small>
	b*	≤2.0		
<i>Carboxyl End Group</i>	meq / Kg	≤32		ASTM D7409-7 <small>in combination with WN-B010-7013E</small>
<i>Melting Point</i>	°C	249±3		ASTM D3418-3 <small>in combination with WN-B010-7089E</small>
<i>Acetaldehyde</i>	ppm	≤1.0		ASTM F2013-5 <small>in combination with WN-B010-9013E</small>
<i>Water Content</i>	wt%	≤0.3		ASTM D6869-3 <small>in combination with WN-B010-7159E</small>

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

Alfa Polymer Kimia

SIGN: _____
LABORATORY MANAGER

SIGN: _____
PROCESS ENGINEERING

Form No.: LAB-QR34-05

Certification of the Integrated Management System (IMS) requirements of ISO9001:2000 /ISO 14001:2004/OHSAS 18001:1999

