



CERTIFICATE OF ANALYSIS

Product	<i>Polyethylene Terephthalate (Copolymer)</i>
LOT No.	
Grade	PARS PET-BG781 (Bottle Grade)
Issue Date	

Laboratory Analysis Report

Item	Unit	Specification	Avg. Result	Method
<i>Intrinsic Viscosity</i>	<i>dl/g</i>	0.78 ± 0.02		ISO 1628-5 in combination with NVPET05
<i>DEG</i>	<i>wt%</i>	≤1.5		ASTM E2409-4 in combination with WN-B010-9008E
<i>Color (CIE Lab)</i>	<i>L*</i>	≥90		ASTM D6290-5 in combination with WN-B010-7110E
	<i>b*</i>	≤2.0		
<i>Carboxyl End Group</i>	<i>meq / Kg</i>	≤32		ASTM D7409-7 in combination with WN-B010-7013E
<i>Melting Point</i>	°C	249±3		ASTM D3418-3 in combination with WN-B010-7089E
<i>Acetaldehyde</i>	<i>ppm</i>	≤1.0		ASTM F2013-5 in combination with WN-B010-9013E
<i>Water Content</i>	<i>wt%</i>	≤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

Form No.: LAB-QR34-05

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



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