



شرکت پتروشیمی شهید تندکویان

## CERTIFICATE OF ANALYSIS

<b>Product</b>	<b>Polyethylene Terephthalate (Copolymer)</b>
<b>Lot No</b>	
<b>Grade</b>	<b>PARS PET-BG825</b>
<b>Time</b>	
<b>Issue Date</b>	

### Analysis Result

Analysis Item	Unit	Specification	Result	Method
Intrinsic Viscosity	dl/g	0.82± 0.02		UBBELHODE
DEG content	%wt	Max 2.0		GC
Color (CIE Lab)	L*	≥90		SPECTROSCOPY
	b*	≤2.0		SPECTROSCOPY
Carboxyl End Group	meq/kg	Max 32		AUTO TITRATION
Melting point	°C	249 ± 3		DSC
Acetaldehyde	ppm	Max 1.0		HEAD SPACE-GC
Water content	%wt	Max 0.3		KARL-FISCHER

**Note: Moisture be determined before packing.**

Sign:  
Laboratory manager

Sign:  
PET Process Eng.

Remark: