



شرکت پتروشیمی شهید تندگویان

CERTIFICATE OF ANALYSIS

Product	Polyethylene Terephthalate (Copolymer)
Lot No	
Grade	PARS PET-BG785
Time	
Issue Date	

Analysis Result

Analysis Item	Unit	Specification	Result	Method
<i>Intrinsic Viscosity</i>	dl/g	0.78 ± 0.02		UBBELHODE
<i>DEG content</i>	%wt	Max 2.0		GC
<i>Color (CIE Lab)</i>	L*	≥90		SPECTROSCOPY
	b*	≤2.0		SPECTROSCOPY
<i>Carboxyl End Group</i>	meq/kg	Max 32		AUTO TITRATION
<i>Melting point</i>	°C	249 ± 3		DSC
<i>Acetaldehyde</i>	ppm	Max 1.0		HEAD SPACE-GC
<i>Water content</i>	%wt	Max 0.3		KARL-FISCHER

Note: Moisture be determined before packing.

sing:
Laboratory Manager

sing:
PET Process Eng.