



شرکت پتروشیمی شهید تندکویان

CERTIFICATE OF ANALYSIS

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

Analysis Result

Analysis Item	Unit	Specification	Result	Method
Intrinsic Viscosity	dl/g	0.78 ± 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.

sing:
Laboratory Manager

sing:
PET Process Eng.