

PET 781 Certificate of Analysis

Laboratory Analysis Report

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

Application:



 Unit 302, Sheydayee BLD, Sazman AB, Tehranpars

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