



Persian Gulf Petrochemical Industries Co
Shahid Tondgooyan Petrochemical Co

S.T.P.C

TECHNICAL SPECIFICATION

Product	<i>Poly Ethylene Terephthalate (Super Bright)</i>
Grade	PARS PET-TG641 (Textile Grade)

REFERENCE PROPERTIES

Item	Unit	Specification	Method
<i>Intrinsic Viscosity</i>	<i>dl/g</i>	0.64 ± 0.015	ISO 1628-5 in combination with NVPET05
<i>DEG Content</i>	<i>wt%</i>	0.9 - 1.3	ASTM E2409-4 in combination with WN-B010-9008E
<i>Color (CIE Lab)</i>	<i>L*</i>	≥75	ASTM D6290-5 in combination with WN-B010-7110E
	<i>b*</i>	≤4.5	
<i>Carboxyl End Group</i>	<i>meq / Kg</i>	≤32	ASTM D7409-7 in combination with WN-B010-7013E
<i>Melting Point</i>	°C	255±3	ASTM D3418-3 in combination with WN-B010-7089E
<i>Water Content</i>	<i>wt%</i>	≤0.3	ASTM D6869-3 in combination with WN-B010-7159E
<i>Chips Weight</i>	<i>g/100EA</i>	2.5±0.1	----

Note: 1) Water Content determined before packing.
2) Color Determined after Crystallization.



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