

## General Properties

**Grade Name:** Pars PET TG-640 (HB)

**Manufacturer:** Tondgooyan Petrochemical

**Categories:** Polymer, Thermoplastic, Polyethylene Terfetalate

**Processing Methods:** Fiber Forming

**Applications:** Fibers, Yarn, Staple Fibers

Physical Properties				
	Value	Unit	Test Conditions	Test Method
Carboxyl End Group	32	meq/kg	$\leq 32$	ASTM D7409
Chip Weight	2.3 - 2.5	g/100EA		
Color (CIE Lab)	85		$L^*, \geq 85$	ASTM D6290
Color (CIE Lab)	2.5		$b^*, \leq 2.5$	ASTM D6290
DEG content	0.9 - 1.2	%		ASTM E2409
Intrinsic Viscosity	0.63 - 0.65	cm <sup>3</sup> /g		ISO 1628
Water content	0.3	WT. %	$\leq 0.3$	ASTM D6869
Thermal Properties				
	Value	Unit	Test Conditions	Test Method
Melting Point	252 - 258	C°		ASTM D3418

## Disclaimer

The information presented on this datasheet was acquired by Tecves from the producer of the material. Tecves makes substantial efforts to assure the accuracy of this data. However, Tecves assumes no responsibility for the data values and strongly encourages that upon final material selection, data points are validated with the material supplier.