

General Properties

Grade Name: Pars PET TG-640 (MOD-SD)

Manufacturer: Tondgooyan Petrochemical

Categories: Polymer, Thermoplastic, Polyethylene Terfetalate

Processing Methods: Fiber Forming

Applications: Fibers, Staple Fibers, Yarn, Micro Filament

Features: High-Speed Melt Spinning Ability

Physical Properties				
	Value	Unit	Test Conditions	Test Method
Carboxyl End Group	32	meq/kg	≤ 32	ASTM D7409
Chip Weight	2.3 - 2.5	g/100EA		
Color (CIE Lab)	95		$L^*, \geq 95$	ASTM D6290
Color (CIE Lab)	3.5		$b^*, \leq 3.5$	ASTM D6290
DEG content	0.9 - 1.2	%		ASTM E2409
Intrinsic Viscosity	0.63 - 0.65	cm ³ /g		ISO 1628
Titanium Dioxide Content	0.25 - 0.35	%		
Water content	0.3	WT.%	≤ 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.