



Technical Data Sheet

MATERIAL:	Poly(ethylene terephthalate)	
CATALOG NUMBER:	138	
CAS NUMBER:	25038-59-9	
DESCRIPTION:	Poly(ethylene terephthalate) polyester	
TYPICAL PROPERTIES:	Appearance:	Pellets
	Density:	1.385
	Refractive index:	n_D^{25} 1.5750
	Inherent viscosity:	0.58
	Glass transition temp:	81°C
	Melting point:	252°C
	Solubility:	DMSO (hot), HFIP, nitrobenzene, phenol

GENERAL INFORMATION: Polyester prepared by the condensation of ethylene glycol and terephthalic acid. Polyethylene terephthalate has been used in a variety of applications including clothing, electrical insulation, magnetic tape, food packaging, bottles, and various photographic film applications.

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