

Polyethylene terephthalate F (film-grade)

Item No.	Characteristics	Test result	Test method
1	Appearance	Clear colorless chips	Visual
2	Weight of 100 chips, g, min	1.6	
3	Intrinsic viscosity, dl/g	0,64-0.67	Capillary viscosimetry, phenol : 1,2-dichlorobenzene = 60:40 mass., temperature 25 °C
4	Melting point, °C	254-258	DSC
5	Moisture, %, max	0.4	Karl Fischer method
6	Color L, min b, max	78 3.0	Spectrophotometry
7	COOH-groups, 10 ³ mol/kg	24-34	
8	Diethylene glycol content, %	0.8-1.2	Gas chromatography
9	Isophthalic acid content, %	absence	Gas chromatography