



Specifications for Polyethylene Terephthalate (PET) (Fibre Grade – Semi-dull)

Parameter	Value
Molecular Formula	(C ₁₀ H ₈ O ₄) _n
Mol Wt	--
CAS #	[25038-59-9]
Description	White Crystalline Powder
Melting point in deg cel	255-260
L value	90 min
b value	4.5 max
Impurity Profile	
o PTA content	Report
o Ethylene Glycol content	Report
Moisture	0.3 max
Intrinsic Viscosity in dl/g	0.62 – 0.66

Specifications for Polyethylene Terephthalate (PET) (Bottle Grade)

Parameter	Value
Molecular Formula	(C ₁₀ H ₈ O ₄) _n
Mol Wt	--
CAS #	[25038-59-9]
Description	White Crystalline Powder
Melting point in deg cel	246-250
L value	90 min
b value	2 max
Impurity Profile	
o PTA content	Report
o Ethylene Glycol content	Report
Acetaldehyde in ppm	1 max
Intrinsic Viscosity in dl/g	0.80 – 0.84

Uses:

Industry	Application
Textile	Mfr of polyester staple fibre
Optical fibre	Mfr of polyester fibre yarn
Packaging	Mfr of PET films and sheets
Entertainment	Mfr of PET-based audio and video films
Cosmetics	Mfr of sun-control films based on PET
Polymer	PET- as resin for carbonated drink bottles ; Engineering plastics
Coatings	Mfr of UPR resins