



中化学东华天业新材料有限公司

DONGHUA TIANYE NEW MATERIAL CO., LTD.

TDS OF DONGHUA TIANYE PBT RESIN

ITEM	UNIT	PBT Grade					
		DT2083	DT2087	DT2090	DT2095	DT20100	DT20120
Intrinsic Viscosity	dL/g	0.830 ± 0.015	0.870 ± 0.015	0.900 ± 0.015	0.950 ± 0.015	1.000 ± 0.015	1.200 ± 0.015
Melting Point	℃	223±2					
Carboxy End Groups	mol/t	≤30					
Color (L)	—	≥90					
Color (b)	—	≤2.8					
Water Content	%	≤0.2					
Ash Content	mg/kg	≤200					
100 Grain Weight	g	2.2±0.2					
Density	g/cm³	1.28- 1.32					
Melt Flow Index (250℃.2.16 kg)	g/ 10min	54-57	60-70	55-65	33-40	23-32	10-15
Tensile Strength	MPa	≥50					
Tensile Elongation at	%	≥100				≥150	
Izod Impact Strength-No tched	KJ/m²	≥4					

Note: We can also produce PBT based on customer requirement.