

ISO Test Method

TORAY PBT Resin *TORAYCON*. Base Polymer

Properties	Unit	Test method (ISO)	Grade 1050M	Grade 1100M	Grade 1200M
Melting Point	°C	-	224	224	224
Intrinsic Viscosity	dl/g	0.5wt% OCP	0.74	0.85	1.23
Density	kg/m ³	1183	1315	1315	1315
Melt Volume Rate (250 °C, 2.16kg)	cm ³ /10min	1133	91	59	16
Tensile Strength	MPa	527-1, -2	60	60	58
Ultimate Elongation	%	527-1, -2	16	32	120
Flexural Strength	MPa	178	87	87	83
Flexural Modulus	GPa	178	2.5	2.5	2.4
Charpy Impact Strength (Notched)	kJ/m ²	179	3.0	4.4	5.1

Note: These values are typical data for this product under specific test condition and not intended for use as limiting specifications.