

**Pacific TPU 700 series Polyester based TPU for injection**

It is polyester based TPU resin for injection with good abrasion resistance and injection ability.

Item	Test Method	Unit	770A	775A	780A	785A	790A	795A	798A	764D
Density	ISO1183	g/cm3	1.17±0.02	1.17±0.02	1.18±0.02	1.19±0.02	1.20±0.02	1.21±0.02	1.22±0.02	1.22±0.02
Hardness	ISO868	A/D	70±3	75±3	80±3	85±3	90±3	95±3	98±3	64±3
Tensile Strength	ISO37	Mpa	22	26	30	31	33	35	38	39
100% Modulus	ISO37	Mpa	4.5	5.0	5.5	8.0	9.0	11	16	22
300% Modulus	ISO37	Mpa	10	13	15	16	18	22	26	32
Elongation	ISO37	%	600	550	500	480	450	450	400	360
Tear Strength	ISO 34	KN/m	70	80	90	100	110	120	140	190

**Processing Conditions**

Drying Temp.	°C	90	90	95	100	105	105	110	105
Drying Temp.	Hrs	3~5	3~5	3~5	3~5	3~5	3~5	3~5	3~5
Processing Temp.	°C	160~190	160~190	160~190	165~195	170~200	175~205	180~210	175~205

