

### Pacific TPU 200 series Polycaprolactone based TPU

It is polycaprolactone TPU resin with low compression set, good hydro resistance and abrasion resistance.

Item	Test Method	Unit	280A	285A	290A	295A	298A	264D	272D
Density	ISO1183	g/cm <sup>3</sup>	1.19±0.02	1.19±0.02	1.19±0.02	1.19±0.02	1.21±0.02	1.21±0.02	1.21±0.02
Hardness	ISO868	A/D	80±3	85±3	90±3	95±3	98±3	64±3	72±3
Tensile Strength	ISO37	Mpa	38	40	45	50	55	52	60
100% Modulus	ISO37	Mpa	5	8	12	17	18	24	34
300% Modulus	ISO37	Mpa	10	16	27	32	38	42	45
Elongation	ISO37	%	550	500	450	400	380	350	300
Tear Strength	ISO 34	KN/m	110	130	150	170	180	210	220
Compression	22hrs@70°C	%	27	28	27	30	33	35	37
Set	24hrs@100°C	%	40	40	41	42	43	45	47

### Processing Conditions

Drying Temp.	°C	80	90	90	100	100	100	100
Drying Temp.	Hrs	3~5	3~5	3~5	3~5	3~5	3~5	3~5
Processing Temp.	°C	160~190	170~200	180~210	180~210	180~210	190~220	190~220

