



TAIWAN PU CORPORATION

3F-1, NO. 9, WU-CHUAN 1ST ROAD,
 SINJHUANG DISTRICT, NEW TAIPEI CITY, TAIWAN
 (NEW TAIPEI INDUSTRIAL PARK)
 TEL: 886-2-2299-1666 FAX: 886-2-2299-1888
 E-mail: pu@taiwanpu.com http://www.taiwanpu.com



TPUI-E90

Polyester based TPU Injection Material

Technical Product Data

Specific Gravity	1.2 g/cm ³
Appearance	Transparent pellet
Hardness	90 ± 2 A
100% Modulus	80 ± 10 kg/cm ²
Tensile Strength	275 ± 50 kg/cm ²
Elongation	440 ± 50 %
Melting Point (Flow tester 50kg/200°C)	4000 - 10000 poise

* These items are provided as general information only. They are approximate values and are not considered part of the product specification.

Operation Condition

TPU operation condition										
Injection temperature °C			Extrusion temperature °C							
Hardness	screw	nozzle	Hardness	Mixing section				extrusion		
				I	II	III	IV	Head	die	nozzle
70A ~80A	150 ~ 200	160 ~ 190	75A-80A	140~155	150~165	160~175	165~185	160~185	165~175	160~170
85A ~95A	185 ~ 210	175 ~ 200	85A-98A	160~175	170~185	175~190	185~210	180~205	175~205	170~200

Dry Condition

	Temperature °C
Hardness A	80~95
Hardness D	85~110

Application: TPUI-E90 is recommended for injection molding applications.

Packaging: TPUI-E90 is supplied in 25 kg bag.

Storage: TPUI-E90 is stable for six months from the date of shipment when stored in closed containers under cool and dry conditions. It must be protected from exposure to humidity and direct sunlight to prevent premature degradation.



TAIWAN PU CORPORATION

3F-1, NO. 9, WU-CHUAN 1ST ROAD,
 SINJHUANG DISTRICT, NEW TAIPEI CITY, TAIWAN
 (NEW TAIPEI INDUSTRIAL PARK)
 TEL: 886-2-2299-1666 FAX: 886-2-2299-1888
 E-mail: pu@taiwanpu.com http://www.taiwanpu.com



TPUI-E95

Polyester based TPU Injection Material

Technical Product Data

Specific Gravity	1.2 g/cm ³
Appearance	Transparent pellet
Hardness	95 ± 2 Shore A
100% Modulus	105 ± 10 kg/cm ²
Tensile Strength	275 ± 50 kg/cm ²
Elongation	470 ± 50 %
Melting Point (Flow tester 50kg/205°C)	5000 - 10000 poise

* These items are provided as general information only. They are approximate values and are not considered part of the product specification.

Operation Condition

TPU operation condition										
Injection temperature °C			Extrusion temperature °C							
Hardness	screw	nozzle	Hardness	Mixing section				extrusion		
				I	II	III	IV	Head	die	nozzle
70A ~80A	150 ~ 200	160 ~ 190	75A-80A	140~155	150~165	160~175	165~185	180~185	165~175	160~170
85A ~95A	185 ~ 210	175 ~ 200	85A-98A	160~175	170~185	175~190	185~210	180~205	175~205	170~200
98A ~71D	190 ~210	185 ~ 205								

Dry Condition

	Temperature °C
Hardness A	80~95
Hardness D	85~110

Application: TPUI-E95 is recommended for Injection molding applications.

Packaging: TPUI-E95 is supplied in 25 kg bag.

Storage: About six months. (Please store in a room temperature, dry and well ventilation place. Avoid any moisture and exposure to the sun.)