

“ECO-FLEX” Polyurethane tube

Property	Analysis Method	EX-85AZ	EX-90AZ	EX-95AZ	EX-98AZ
Shore A/D Hardness	ASTM D-2240	85±2A	90±2A	95±2A	98±2A 57±2D
Specific Gravity	ASTM D-792	1.20±0.02	1.21±0.02	1.21±0.02	1.22±0.02
100% (kgf/cm²) 100% Modulus	ASTM D-412	60	85	120	160
300% (kgf/cm²) 300% Modulus	ASTM D-412	105	130	190	240
Tensile Strength (kgf/cm²)	ASTM D-412	400	400	400	500
Ultimate Elongation (%)	ASTM D-412	700	650	600	500
Tear Strength (kgf/cm²)	ASTM D-624/Die C	70	85	100	110
Recommended dry temperature (°C)		100	100	105	110
Recommended dry time (hours)		3-5	3-5	3-5	3-5
Revolutions per minute		25-40	25-40	25-40	25-40
Characteristics	General transperence grade, good physical properties, good process ability, squire particular function, low meting point				
Applications	Colled tube, linear tube, breided hose, belt, and reinforce hose, wise & cable, profiles				

- Remarks**
1. Suggesting size of filter 80,100 and 120 meshes.
 2. Suggesting working temperatur 175-230C
 3. The thickness of injection test sheet is 3mm or 6mm, and all the data are a average data after tempered for 20 hours in 100C
 4. The data is referential, because it will be changed by different designed for each customer.