

Tecoflex[®] LM-95A TPU

Type: Tecoflex[®] LM-95A is an aliphatic polyether-based thermoplastic polyurethane (TPU).

Features: Low processing temperature with excellent physical properties

Process: Application requiring lower melt processing temperatures.

Mechanical Properties	Value (Metric)	Unit	Test Method
Hardness (1sec)	94	Shore A	ASTM D792
Specific Gravity	1.1		ASTM D2240
Tensile Strength	7250	psi	ASTM D412
Ultimate Elongation	525	%	
Tensile Stress at:			
100% Elongation	1050	psi	ASTM D412
300% Elongation	2350	psi	ASTM D412

Prior to testing samples were conditioned at 23°C for 16 hours.

Based on extruded sheet (0.02").

Listed values are "typical (average) values" and should/canoe be applied for specification purposes.

Supply Form and Standard Packaging:

Tecoflex[®] LM-95A TPU is supplied in pellet form and packaged in 50 lb Box.

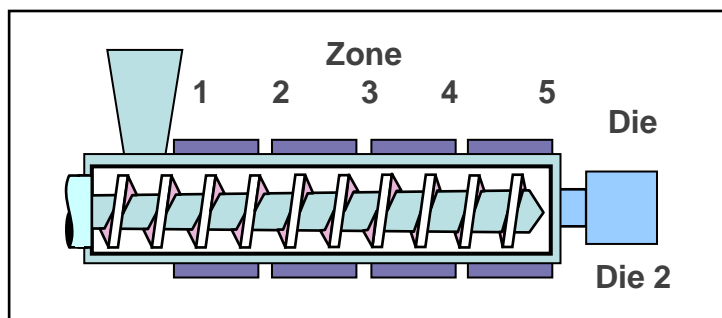
Material Preparation:

- Prior to processing, Tecoflex[®] LM-95A TPU must be dried at 110°F (45°C) for 4 to 8 hours.
- It is recommended to dry the material in a desiccant type dryer. Target dew point should be -40°C.
- Depending on the applied processing technique, the maximum moisture level should be 0.10%.

Processing Conditions:

Tecoflex[®] LM-95A TPU can be processed on any conventional extruder.

Recommended Starting Extrusion Temperature Profile:



	°F
Zone 1	250
Zone 2	260
Zone 3	270
Zone 4	280
Adapter (5)	280
Die Zone 1 (6)	280
Die Zone 2	280



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