

Manufacturer: LONGYIXING CHEMICALS CO., LTD *Reliable TPU Supplier*

Polyurethane-TPU

LYX-LA90

Type LYX-LA90 is a 90A Polyester-based thermoplastic polyurethane (TPU)

Features Excellent mechanical properties, high transparency, short cycle times, Excellent strength.

Applications Phone&pad cover, compounding and modifier, footwear, Air tube, etc.

Physical Properties	Value	Unit	Test Method
Specific Gravity	1.2	g/cm ³	ASTM D-792
Hardness (5 sec)	92	Shore A	ASTM D-2240
Tensile Strength	40	Mpa	ASTM D-412
Tensile Strength at 100% Elongation	9	Mpa	ASTM D-412
Tensile Strength at 300% Elongation	14	Mpa	ASTM D-412
Elongation at Break	450	%	ASTM D-412
Tg by DSC	-20	°C	ASTM D3418

※ Supply Form & Standard Packaging

LYX-LA90 TPU is supplied in pellet form and packaged in 25kg bags.

※ Processing Guide For Injection

Prior to processing, LYX-LA90 TPU must be dried at 90-100 °C for 3-4 hours

Injection:	Temperature(°C)	Extrusion:	Temperature(°C)
Zones	Set Value	Zones	Set Value
Nozzle	205-210	Nozzle	170-180
Front Barrel	195-205	Front Barrel	165-175
Middle Barrel	185-195	Middle Barrel	160-170
Rear Barrel	175-185		

EGYPTIAN SAUDI COMPANY FOR PLASTIC

Address: office 307-mall el marwa- ordonya area-10th of ramadan city-sharqia -Egypt

C.R: 122055

Mobile : 01068993789

Email: info@dagplast.com