

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

Polyurethane-TPU

LYX-1295

Type	LYX-1295 is a 95A Polyester-based thermoplastic polyurethane (TPU)
Features	Excellent Mechanical properties and processing fluidity. Extrusion Stability
Applications	Pneumatic Tube, Garden Pipe, film and sheet

Physical Properties	Value	Unit	Test Method
Specific Gravity	1.2	g/cm ³	ASTM D-792
Hardness (5 sec)	96	Shore A	ASTM D-2240
Tensile Strength	35	Mpa	ASTM D-412
100% Modulus	15	Mpa	ASTM D-412
300% Modulus	24	Mpa	ASTM D-412
Elongation at Break	520	%	ASTM D-412
Tear Strength	155	kN/m	ASTM D-624

✂ Supply Form & Standard Packaging

LYX-1295 TPU is supplied in pellet form and packaged in 25kg bags.

✂ Processing Guide For Injection

Prior to processing, LYX-1295 TPU must be dried at 80-90 °C for 3-4 hours

Injection:	Temperature(°C)	Extrusion:	Temperature(°C)
Zones	Set Value	Zones	Set Value
Nozzle	220	Die	210
Metering	215	Metering	210
Compression	210	Compression	205
Feeding	205	Feeding	200
Pressure(kg)	90		

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