

Mirathane™ E175DL

Thermoplastic Polyurethane Elastomer (Polyester)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ E175DL is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Applications of Mirathane™ E175DL include engineering/industrial parts, hose/tubing, coating applications, consumer goods and film.

Characteristics include:

Fast Molding Cycle

Good Processability

Good UV Resistance

General Information	
Features	Fast Molding Cycle
	Good Processability
	Good UV Resistance
	Low to No Migration
Uses	Belts/Belt Repair
	Coating Applications
	Film
	Footwear
	Hose
	Overmolding
	Tubing
	Wire & Cable Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	25.0	MPa	
300% Strain	40.0	MPa	
Tensile Strength (Yield)	50.0	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength	190	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-15.0	°C	DSC

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