

Mirathane™ E590

Thermoplastic Polyurethane Elastomer (Polyester)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ E590 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Applications of Mirathane™ E590 include additive/masterbatch, conveyors, film and sheet.

Characteristics include:

Clarity

Good Processability

General Information	
Features	Good Processability
	High Clarity
	High Elasticity
Uses	Compounding
	Conveyors
	Film
	Plastics Modification
	Sheet

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	92		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	8.00	MPa	
300% Strain	15.0	MPa	
Tensile Strength (Yield)	25.0	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength	115	kN/m	ASTM D624

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