

Mirathane™ E690

Thermoplastic Polyurethane Elastomer (Polyester)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ E690 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Applications of Mirathane™ E690 include hose/tubing, film and sheet.

Characteristics include:

- Clarity
- Fast Molding Cycle
- Good Processability
- Good UV Resistance

General Information			
Features	Fast Molding Cycle		
	Good Processability		
	Good UV Resistance		
	High Clarity		
	Low to No Migration		
Uses	Film		
	Hose		
	Sheet		
	Tubing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	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	10.0	MPa	
300% Strain	25.0	MPa	
Tensile Strength (Yield)	40.0	MPa	ASTM D412
Tensile Elongation (Break)	510	%	ASTM D412
Tear Strength	110	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-35.0	°C	DSC

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