

# Mirathane™ E685

Thermoplastic Polyurethane Elastomer (Polyester)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ E685 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Applications of Mirathane™ E685 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	1.18	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	86		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	7.00	MPa	
300% Strain	15.0	MPa	
Tensile Strength (Yield)	35.0	MPa	ASTM D412
Tensile Elongation (Break)	520	%	ASTM D412
Tear Strength	100	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-36.0	°C	DSC

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

