

# Mirathane™ E195F

Thermoplastic Polyurethane Elastomer (Polyester)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ E195F is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Typical application: Wire & Cable.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
Additive	Halogen		
Features	Flame Retardant		
Uses	Communication Cable Jacketing		
	Power Cable Jacketing		
	Wire & Cable Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance	30.0	mg	ASTM D1044
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)	300	%	ASTM D412
Tear Strength	100	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature <sup>1</sup>	-30.0	°C	ASTM D3417
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
NOTE			
1.	10°C/min		

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