

# Mirathane™ M55D

Thermoplastic Polyurethane Elastomer (Polyether)

Miracll Chemicals Co., Ltd.

## Message:

Mirathane™ M55D is a Thermoplastic Polyurethane Elastomer (Polyether) (TPU-Polyether) product. It is available in Asia Pacific. Applications of Mirathane™ M55D include hose/tubing, additive/masterbatch, agricultural, coating applications and film.

General Information	
Uses	Compounding Fabric Coatings Film Hose Molded Ear Tags Sheet Tubing Wire & Cable Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	96		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance	45.0	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	15.0	MPa	
300% Strain	20.0	MPa	
Tensile Strength (Yield)	35.0	MPa	ASTM D412
Tensile Elongation (Break)	380	%	ASTM D412
Tear Strength	130	kN/m	ASTM D624

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## Recommended distributors for this material

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