

# Riteflex® UV655M

Thermoplastic Copolyester Elastomer  
Celanese Corporation

Message:

UV655M is a 55 durometer shore D hardness polyester thermoplastic elastomer for monofilament applications that has improved UV performance.

General Information			
Features	Good UV Resistance		
RoHS Compliance	Contact Manufacturer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/2.16 kg)	5.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	26.0	MPa	ISO 527-2
Tensile Strain (Break)	480	%	ISO 527-2
Flexural Modulus (23°C)	125	MPa	ISO 178
Flexural Stress (23°C)	4.20	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	50	kJ/m²	ISO 179/1eA

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