Eastman **TRITAN**™
copolyester

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Medical selector guide





Tritan™ copolyester	Suggested application	Specific gravity (ASTM D792)	Tensile yield		Tensile break (ASTM D638)		Flexural modulus (ASTM D790), MPa (105 psi)	Izod impact, notched, J/m (ft·lbf/in.) @ 23°C (73°F) (ASTM D256)	Deflection temperature, °C (°F)		Optical properties (ASTM D1003)		Chemical resistance	Contains certified recycled content*
			Elongation, %	Stress, MPa (psi)	Elongation, %	Stress, MPa (psi)			@ 1.82 MPa (264 psi)	@ 0.455 MPa (66 psi)	Transmittance, %	Haze, %		
MX710	Y sites	1.18	6	43 (6,200)	210	53 (7,700)	1,550 (2.3)	980 (18.4)	85 (185)	99 (210)	91	<1	Best	
MX711 (mold release)	IV components													
MX711 Renew 50 (mold release)	IV components	1.18	6	43 (6,200)	210	53 (7,700)	1,550 (2.3)	980 (18.4)	85 (185)	99 (210)	90	<1	Best	✓
MX731 (mold release)	Medical devices	1.18	7	43 (6,200)	210	52 (7,500)	1,570 (2.3)	860 (16.1)	81 (178)	94 (201)	91	<1	Better	
MX731 Renew 50 (mold release)	Medical devices	1.18	7	43 (6,200)	210	52 (7,500)	1,575 (2.28)	860 (16.1)	81 (178)	94 (201)	91	<1	Better	✓
MX810	Device housings	1.17	7	44 (6,400)	140	53 (7,700)	1,580 (2.3)	650 (12.2)	92 (198)	109 (228)	92	<1	Good	
MX811 (mold release)														

**Certified recycled content allocated using ISCC mass balance.*

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