

Medical selector guide



| TRITAN copolyesters | Suggested application | Specific gravity ASTM D792 | Tensile yield ASTM D638 | | 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) ASTM D648 | | Optical properties ASTM D1003 | | Chemical resistance |
|----------------------|-----------------------|----------------------------|-------------------------|------------------|-------------------------|------------------|--|---|--|----------------------|-------------------------------|--------|---------------------|
| | | | 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 (6200) | 210 | 53 (7700) | 1550 (2.3) | 980 (18.4) | 85 (185) | 99 (210) | 91 | <1 | Best |
| MX711 (mold release) | IV components | | | | | | | | | | | | |
| MX731 (mold release) | Medical devices | 1.18 | 7 | 43 (6200) | 210 | 52 (7500) | 1570 (2.3) | 860 (16.1) | 81 (178) | 94 (201) | 91 | <1 | Better |
| MX810 | Device housings | 1.17 | 7 | 44 (6400) | 140 | 53 (7700) | 1580 (2.3) | 650 (12.2) | 92 (198) | 109 (228) | 92 | <1 | Good |
| MX811 (mold release) | | | | | | | | | | | | | |



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**Eastman Chemical Company
Corporate Headquarters**

P.O. Box 431
Kingsport, TN 37662-5280 U.S.A.

Telephone:
U.S.A. and Canada, 800-EASTMAN (800-327-8626)
Other Locations, (1) 423-229-2000
Fax: (1) 423-229-1193

Eastman Chemical Latin America

9155 South Dadeland Blvd.
Suite 1116
Miami, FL 33156 U.S.A.

Telephone: (1) 305-671-2800
Fax: (1) 305-671-2805

Eastman Chemical B.V.

Fascinatio Boulevard 602-614
2909 VA Capelle aan den IJssel
The Netherlands

Telephone: (31) 10 2402 111
Fax: (31) 10 2402 100

**Eastman (Shanghai) Chemical
Commercial Company, Ltd. Jingan Branch**

1206, CITIC Square
No. 1168 Nanjing Road (W)
Shanghai 200041, P.R. China

Telephone: (86) 21 6120-8700
Fax: (86) 21 5213-5255

Eastman Chemical Japan Ltd.

MetLife Aoyama Building 5F
2-11-16 Minami Aoyama
Minato-ku, Tokyo 107-0062 Japan

Telephone: (81) 3-3475-9510
Fax: (81) 3-3475-9515

Eastman Chemical Asia Pacific Pte. Ltd.

#05-04 Winsland House
3 Killiney Road
Singapore 239519

Telephone: (65) 6831-3100
Fax: (65) 6732-4930

www.eastman.com

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