

# Escorene™ Ultra LD 713.93 Cast

Ethylene Vinyl Acetate Copolymer Resin

ExxonMobil Chemical

## Message:

Escorene Ultra LD 713.93 is a copolymer film resin containing 14.4% (mass fraction) vinyl acetate. The film made of LD 713.93 exhibits extremely high impact strength, high transparency and excellent heat sealability.

| General Information                       |                 |                   |                   |
|-------------------------------------------|-----------------|-------------------|-------------------|
| Additive                                  | heat stabilizer |                   |                   |
| Physical                                  | Nominal Value   | Unit              | Test Method       |
| Density                                   | 0.933           | g/cm <sup>3</sup> | ASTM D1505        |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 3.5             | g/10 min          | ASTM D1238        |
| Vinyl Acetate Content                     | 14.4            | wt%               | ExxonMobil Method |
| Films                                     | Nominal Value   | Unit              | Test Method       |
| secant modulus                            |                 |                   | ASTM D882         |
| 1% secant, MD                             | 110             | MPa               | ASTM D882         |
| 1% secant, TD                             | 100             | MPa               | ASTM D882         |
| Tensile Strength                          |                 |                   | ASTM D882         |
| MD: Fracture                              | 33.6            | MPa               | ASTM D882         |
| TD: Fracture                              | 19.0            | MPa               | ASTM D882         |
| Tensile Elongation                        |                 |                   | ASTM D882         |
| MD: Fracture                              | 190             | %                 | ASTM D882         |
| TD: Fracture                              | 870             | %                 | ASTM D882         |
| Dart Drop Impact                          | 99              | g                 | ASTM D1709A       |
| Elmendorf Tear Strength                   |                 |                   | ASTM D1922        |
| MD                                        | 390             | g                 | ASTM D1922        |
| TD                                        | 140             | g                 | ASTM D1922        |
| Thermal                                   | Nominal Value   | Unit              | Test Method       |
| Vicat Softening Temperature               | 64.0            | °C                | ASTM D1525        |
| Optical                                   | Nominal Value   | Unit              | Test Method       |
| Gloss (45°)                               | 81              |                   | ASTM D2457        |
| Haze                                      | 2.0             | %                 | ASTM D1003        |
| Legal statement                           |                 |                   |                   |

本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.

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