

# ExxonMobil™ LLDPE LL 3404.48

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

## Message:

LL 3404.48 is an ethane medium density polyethylene casting film grade, which is used for high strength and high hardness requirements. The film made of this resin has good stretchability and puncture resistance

| General Information                       |                 |          |             |
|-------------------------------------------|-----------------|----------|-------------|
| Additive                                  | heat stabilizer |          |             |
| Physical                                  | Nominal Value   | Unit     | Test Method |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 4.3             | g/10 min | ASTM D1238  |
| Films                                     | Nominal Value   | Unit     | Test Method |
| secant modulus                            |                 |          | ASTM D882   |
| 1% secant, MD                             | 381             | MPa      | ASTM D882   |
| 1% secant, TD                             | 430             | MPa      | ASTM D882   |
| Tensile Strength                          |                 |          | ASTM D882   |
| MD: Yield                                 | 16.2            | MPa      | ASTM D882   |
| TD: Yield                                 | 17.1            | MPa      | ASTM D882   |
| MD: Fracture                              | 50.5            | MPa      | ASTM D882   |
| TD: Fracture                              | 34.1            | MPa      | ASTM D882   |
| Tensile Elongation                        |                 |          | ASTM D882   |
| MD: Fracture                              | 590             | %        | ASTM D882   |
| TD: Fracture                              | 830             | %        | ASTM D882   |
| Dart Drop Impact                          | < 49            | g        | ASTM D1709A |
| Elmendorf Tear Strength                   |                 |          | ASTM D1922  |
| MD                                        | 20              | g        | ASTM D1922  |
| TD                                        | 170             | g        | ASTM D1922  |
| Optical                                   | Nominal Value   | Unit     | Test Method |
| Gloss (45°)                               | 82              |          | ASTM D2457  |
| Haze                                      | 3.4             | %        | ASTM D1003  |
| Legal statement                           |                 |          |             |

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.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

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