

Network Polymers Lldpe 11 0218

Linear Low Density Polyethylene  
LyondellBasell Industries  
Engineering Plastics

| Physical                                               | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--------------------------------------------------------|-------------------------|--------------------|-------------|
| Density                                                | 0.918 g/cm³             | 0.918 g/cm³        | ASTM D1505  |
| Melt Mass-Flow Rate (MFR) <sup>1</sup> (190°c/2.16 Kg) | 2.0 g/10 min            | 2.0 g/10 min       | ASTM D1238  |
| Films                                                  | Nominal Value (English) | Nominal Value (SI) | Test Method |
| Tensile Strength                                       |                         |                    | ASTM D882   |
| MD : Break, 0.79 Mil (20 µm)                           | 4300 psi                | 29.6 MPa           |             |
| TD : Break, 0.79 Mil (20 µm)                           | 3500 psi                | 24.1 MPa           |             |
| Tensile Elongation                                     |                         |                    | ASTM D882   |
| MD : Break, 0.79 Mil (20 µm)                           | 800 %                   | 800 %              |             |
| TD : Break, 0.79 Mil (20 µm)                           | 750 %                   | 750 %              |             |
| Dart Drop Impact                                       | 130 g                   | 130 g              | ASTM D1709  |
| Elmendorf Tear Strength                                |                         |                    | ASTM D1922  |
| MD : 0.79 Mil (20 µm)                                  | 350 g                   | 350 g              |             |
| TD : 0.79 Mil (20 µm)                                  | 350 g                   | 350 g              |             |

Notes

<sup>1</sup> Procedure A

Notes

These are typical property values not to be construed as specification limits.

