

## Technical Data Sheet

### | Exceed™ 0015XC mLLDPE

#### Description

Exceed™ 0015XC resin is an ethylene 1-hexene copolymer. Laminates using Exceed™ 0015XC as coating layer have outstanding sealing properties and broad hot tack window. The grade has easy processability due to the high melt index in extrusion coating, extrusion lamination and co-extrusion coating processes. The grade is recommended for coating on different substrates like board and paper (bleached and unbleached), aluminum foil, flexible films, PE based woven fabrics, etc.

#### Technical Specification

Antiblock: No    Processing Aid: No    Thermal Stabilizer: Yes

| Properties                   | Typical value           | Test method       |
|------------------------------|-------------------------|-------------------|
| Density                      | 0.918g/cm <sup>3</sup>  | ASTM D792         |
| Melt index                   | 15g/10min (190℃/2.16kg) | ASTM D1238        |
| Peak melting temperature     | 113℃                    | ExxonMobil method |
| Vicat softening temperature  | 96.0℃                   | ExxonMobil method |
| Tensile strength at yield MD | 8.7 Mpa                 | ASTM D882         |
| Tensile strength at yield TD | 8.8 Mpa                 | ASTM D882         |
| Tensile strength at break MD | 60 Mpa                  | ASTM D882         |
| Tensile strength at break TD | 60 Mpa                  | ASTM D882         |
| Elongation at break MD       | 500%                    | ASTM D882         |
| Elongation at break TD       | 640%                    | ASTM D882         |
| Haze                         | 16%                     | ASTM D1003        |

#### Applications

Building and Construction Laminates

Coextrusion Coating

Extrusion Coating

**Exceed™ 0015XC mLLDPE**



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Extrusion Lamination

Food Packaging

Masterbatch Carrier

Industrial Coating

Packaging Films

Injection Molding

Wire and Cable Compounds

Liquid Packaging

## **Processing Statement**

Recommended processing conditions:

Melt temperature range: 270-310°C

Minimum recommended air gap: 150 mm

Blend with autoclave LDPE

## **Notes**

Typical properties: these are not to be construed as specifications.

Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.