



**LITEN<sup>®</sup>**

**H D P E**  
**L I T E N<sup>®</sup>**

Film grades

# HDPE LITEN<sup>®</sup>

## PROPERTIES

- ▶ Excellent processability and high OIT value
- ▶ Very good optical properties
- ▶ Excellent mechanical properties
- ▶ Film quality guaranteed
- ▶ Very good weldability
- ▶ Low permeability to water vapor, oxygen, fats and aromatic substances
- ▶ Excellent thermal and chemical resistance
- ▶ Wide application range, including blending with LDPE and LLDPE

## TYPICAL PRODUCTS

- ▶ Packaging film for food and non-food applications
- ▶ Sacks
- ▶ Shopping bags
- ▶ Garbage bags
- ▶ Blends with LLDPE and LDPE



Release: 09/2025



## PRODUCTS & TECHNICAL SPECIFICATIONS

| GRADE          | COMONOMER | MFR                                                       | MFR 21/2 | DENSITY    | TENSILE STRESS AT BREAK <sup>d,e</sup> | TENSILE STRAIN AT BREAK <sup>d,e</sup> | DART DROP <sup>*</sup> |
|----------------|-----------|-----------------------------------------------------------|----------|------------|----------------------------------------|----------------------------------------|------------------------|
| UNIT           |           | g/10 min                                                  |          | kg/m³      | MPa                                    | %                                      | g                      |
| TESTING METHOD |           | ISO 1133-1                                                |          | ISO 1183-1 | ISO 527-3                              | ISO 527-3                              | ISO 7765-1             |
| FB 85          | C6        | <sup>a</sup> 0.17<br><sup>b</sup> 0.85<br><sup>c</sup> 17 | 110      | 952        | 50/40                                  | 480/620                                | 80                     |
| FB 25          | C4        | <sup>a</sup> 0.15<br><sup>b</sup> 0.8<br><sup>c</sup> 18  | 110      | 950        | 40/45                                  | 300/600                                | 65                     |
| FB 41-018      | C6        | <sup>a</sup> 0.18<br><sup>b</sup> 1.0<br><sup>c</sup> 20  | 90       | 939        | 45/35                                  | 500/600                                | 65                     |
| FB 24          | C4        | <sup>a</sup> 0.2<br><sup>b</sup> 1.0<br><sup>c</sup> 20   | 110      | 938        | 40/30                                  | 370/540                                | 60                     |
| TB 49-060      | C6        | <sup>a</sup> 0.6<br><sup>b</sup> 1.8<br><sup>c</sup> 20   | 35       | 949        | 45/35                                  | 500/*                                  | 40                     |

<sup>a</sup> MFR (190°C/2.16 kg), <sup>b</sup> MFR (190°C/5 kg), <sup>c</sup> MFR (190°C/21 kg), <sup>d</sup> MD (machine direction)/TD (transverse direction), <sup>e</sup> Film thickness 0.025 mm, Blow-up ratio 4:1, \*No rupture

## MECHANICAL PROPERTIES

