

Technical Data Sheet

DFDA7042 LLDPE Film Grade

DFDA7042 is a linear low-density polyethylene (LLDPE) produced using the Unipol Ga-Phase Fluidized Bed Process developed by Univation Technologies, USA. This product offers excellent tensile properties, processing performance, and mechanical and optical properties in film applications. It is characterized by superior film appearance, minimal gel particles, and outstanding overall performance.

Specifications

Item	Value
MFR	2.0 g/10min, 2.16kg
Density	0.920g/cm ³
Tensile yield stress	≥8.0Mpa
Tensile breaking stress	≥12.0Mpa
Tensile breaking nominal strain	≥250%
Haze	≤30.0%
Fish eye (0.4mm)	≤40 piece/1520cm ³

Applications

This product is used for agricultural films, shrink films, freezer films, and shopping bags.

Recommended Processing Guidelines

DFDA7042 is suitable for standard extrusion blow molding equipment, with a recommended processing temperature range of 170°C to 200°C. Specific processing conditions can be adjusted according to the equipment and product dimensions.

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