

# FB3050

## Description

High mechanical properties for blown film extrusion  
Additives : Slip & Antiblock agent

## Application

Agricultural mulching film, Packaging Film

Properties	Method	Condition	Unit	FB3050
<b>Physical</b>				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	3
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.921
<b>Film Properties</b>				
Tensile Strength at Break Point, MD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	190
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm <sup>2</sup>	185
Elongation at Break Point, MD	ASTM D882	500mm/min	%	420
Elongation at Break Point, TD	ASTM D882	500mm/min	%	610
Dart Impact Strength	ASTM D1709	Method A	g	110
Haze(55µm)	ASTM D1003	55µm	%	8
<b>Thermal</b>				
Melting Temperature	LG Method	by DSC	°C	110
Vicat Softening Temperature	ASTM D1525	A50	°C	90

## Note

The properties data in this table are typical values, and not guaranteed specification.  
Typical resin property values are measured on film specimens.

Issued Date : 2022-02-11

The information contained herein, including, but not limited to, data, statements and typical values, are given in good faith. LG Chem makes no warranty or guarantee, expressed or implied, (i) that the result described herein will be obtained under end - use conditions, or (ii) as to the effectiveness or safety of any design incorporating LG Chem materials, products, recommendations or advice. Further, any information contained herein shall not be construed as a part of legally binding offer. Especially, the typical values should be regarded as reference values only and not as binding minimum values. Each user bear full responsibility for making its own determination as to the suitability of LG Chem's materials, products, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating LG Chem material or products will be safe and suitable for use under end - use conditions. The data contained herein can be changed without notice as a result of the quality improvement of the products.