

# SABIC® LDPE 7019EC

## LOW DENSITY POLYETHYLENE FOR EXTRUSION COATING

### DESCRIPTION

7019EC is a Low Density Polyethylene resin produced using Autoclave technology. 7019EC is designed for high speed extrusion coating application. 7019EC contains no additives such as slip agent or anti-blocking agents.

### TYPICAL APPLICATIONS

Extrusion coating

### TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
at 190°C and 2.16kg	7.0	g/10 min	ISO 1133
<b>Density</b>			
Density	919	kg/m <sup>3</sup>	ISO 1183
<b>MECHANICAL PROPERTIES <sup>(1) (2)</sup></b>			
<b>Tensile Properties</b>			
Tensile Strength at Break	14	MPa	ASTM D638
Tensile Elongation at Break <sup>(3)</sup>	550	%	ASTM D638
Stiffness	165	MPa	ASTM D746
ESCR	1.9	Hrs	ASTM D1693
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature</b>			
Vicat Softening Temperature @10N	86	°C	ASTM D1525
<b>Melting Point</b>	106	°C	SABIC method

(1) Based on molded specimens.

(2) Typical values: not to be construed as specification limits.

(3) Test Speed 200 mm/min