

# SABIC® LDPE 7019EC

LOW DENSITY POLYETHYLENE FOR EXTRUSION COATING

## DESCRIPTION

7019EC is a Low Density Polyethylene resin designed for mainly extrusion coating application. 7019EC contains no additives such as slipping agents or anti-blocking agents.

## TYPICAL APPLICATIONS

Extrusion coating

## TYPICAL PROPERTY VALUES

Revision 20210930

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</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)</sup></b>			
<b>Tensile Properties</b>			
Tensile Strength at Break	14	MPa	ASTM D638
Tensile Elongation at Break*	550	%	ASTM D638
Stiffness*	165	%	ASTM D746
ESCR	1.9	MPa	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.

## PROCESSING CONDITIONS

Typical processing temperature: 300 - 340 °C.

## HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

Detailed information is provided in the relevant Material Safety Datasheet and or Standard Food Declaration, Additional specific information can be requested via your local Sales Office.

DISCLAIMER: This product is not intended for and must not be used in any pharmaceutical/medical applications.

## STORAGE AND HANDLING

Polyethylene resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do not exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PE resin within 6 months after delivery.



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