



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