

# SIBUR PE 15303-003

Low Density Polyethylene

SIBUR, LLC

## Message:

PE 15303-003 is a film grade of low-density polyethylene. The grade is additive free.

Typical Applications:

PE 15303-003 is recommended for film extrusion, including thin films, food packaging and technical films. It complies with EU Food Contact Regulations.

General Information		
Features	Additive Free	
Uses	Film Food Packaging	
Agency Ratings	EC 1907/2006 (REACH) EU Food Contact, Unspecified Rating	
Forms	Pellets	
Physical	Nominal Value	Unit
Density	0.921	g/cm <sup>3</sup>
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min
Environmental Stress-Cracking Resistance	> 500	hr
Appearance - Process test for film	B	%
Extractables		
Mass fraction	0.4	%
Odour and taste of aqueous extract	1.0	points
Mechanical	Nominal Value	Unit
Tensile Stress <sup>1</sup>		
Yield	9.80	MPa
Break	13.7	MPa
Tensile Strain <sup>2</sup> (Break)	600	%
NOTE		
1.	500 mm/min	
2.	500 mm/min	

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