

PRODUCT DESCRIPTION

15313-003 is a base grade of low-density polyethylene (high pressure). The product offers an advantageous combination of good processability with balanced physical, mechanical and optical properties.

TYPICAL APPLICATIONS

15313-003 is recommended for the production of shrink, thin films, films for lamination and food packaging (including sealed packaging), general-purpose films and bags.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	190 °C/2.16 kg	ISO 1133	0.3	g/10 min
Physical				
Density	20 °C	ISO 1183	0.921	g/cm ³
Mechanical				
Tensile Strength at Break		ISO 527-2	13.7	MPa
Tensile Stress at Yield		ISO 527-2	9.8	MPa
Elongation at Break		ISO 527-2	600	%

*The values given are typical values measured on the product. These values should not be considered as specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

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