

SABIC® LDPE 2404NO

LOW DENSITY POLYETHYLENE

DESCRIPTION

SABIC® LDPE 2404NO is a LDPE tubular grade without additives. The product is typically developed for cast film extrusion applications requiring an optimal relationship between draw down, purity and organoleptic properties.

Application

SABIC® LDPE 2404NO can be used for a wide variety of cast film applications.

Properties

Mechanical properties have been determined on compression moulded test specimen (1,1 mm thick and 5,0 mm wide) at 50 mm/min.

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

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 190 °C and 2.16 kg	4.2	dg/min	ISO 1133
Density	924	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Tensile test			
tensile modulus	250	MPa	ISO 527-2
stress at break	12	MPa	ISO 527-2
strain at break	800	%	ISO 527-2
strain at yield	11	%	ISO 527-2
THERMAL PROPERTIES			
Vicat Softening Temperature			
at 10 N (VST/A)	94	°C	ISO 306
DSC test			
melting point	111	°C	DIN 53765
enthalpy change	134	J/g	DIN 53765