

# SABIC® LDPE 2404N0

Low Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

## Message:

SABIC® LDPE 2404N0 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 2404N0 is typically suitable for a wide variety of cast film application.

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

General Information			
Features	High purity		
	Low density		
	Good stripping		
	Good sensory characteristics		
Uses	cast film		
Processing Method	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (1.10mm, molded)	250	MPa	ISO 527-2/50
Tensile Stress (fracture, 1.10mm, molded)	12.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield, 1.10mm, molded	11	%	ISO 527-2/50
Fracture, 1.10mm, molded	800	%	ISO 527-2/50
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ISO 306/A
Melting Temperature (DSC)	111	°C	Internal method
Enthalpy Change	134	J/g	Internal method
Additional Information			

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

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## Recommended distributors for this material

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