

# SABIC® LDPE 2602X1

Low Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® LDPE 2602X1 is an Ultra Melt Strength (UMS) grade typically used in foam applications.

Application

SABIC® LDPE 2602X1 can be typically used for all types of foam, produced with chemical blowing agents or physical gases, X-linked and non X-linked. This product is not intended for and must not be used in any pharmaceutical/medical applications.

General Information			
Additive	Antiblock (250 ppm)		
	Slip (800 ppm)		
Features	Antiblocking		
	Foamable		
	Good Melt Strength		
	Low Density		
	Slip		
Uses	Foam		
Processing Method	Foam Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	48		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	340	MPa	Internal Method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	99.0	°C	ISO 306/A
Melting Temperature (DSC)	113	°C	DIN 53765
Peak Crystallization Temperature (DSC)	103	°C	DIN 53765
Heat of Fusion	123	J/g	DIN 53765

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