



SABIC® LDPE 2202U0

LOW DENSITY POLYETHYLENE

DESCRIPTION

SABIC® LDPE 2202U0 is an Ultra Melt Strength (UMS) grade typically used in foam applications.

Application

SABIC® LDPE 2202U0 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.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 190 °C and 2.16 kg	1.9	dg/min	ISO 1133
Density	922	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Modulus of elasticity	260	MPa	SABIC method
Hardness Shore D	46	-	ISO 868
THERMAL PROPERTIES			
Vicat Softening Temperature			
at 10 N (VST/A)	90	°C	ISO 306
DSC test			
melting point	108	°C	DIN 53765
avg. heat of fusion	110	J/g	DIN 53765
crystallization temperature	97	°C	DIN 53765