

# SABIC® LDPE POWDER 1922P3

## LOW DENSITY POLYETHYLENE

### DESCRIPTION

SABIC® LDPE Powder 1922P3 is an additive free CTR® tubular grade with a typically high purity. The grade is supplied in powder form.

#### Application

SABIC® LDPE Powder 1922P3 is typically used for textile coating, carpet backing and compounding applications. The very fine particle size makes that this grade is typically used for delicate tissues in textile coating. For compounding typically fine incorporation in mixtures or blends is possible. The enhanced MFR provides a low zero shear viscosity or good flow in extrusion processes.

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
<b>POLYMER PROPERTIES</b>			
Melt Flow Rate			
at 190 °C and 2.16 kg	22	dg/min	ISO 1133
Density	919	kg/m <sup>3</sup>	ASTM D1505
Bulk Density	340	kg/m <sup>3</sup>	ISO 60
Dry flow	25	sec	ISO 6186
Particle size powder	<350	µm	ASTM D1921
<b>THERMAL PROPERTIES</b>			
Vicat Softening Temperature			
at 10 N (VST/A)	83	°C	ISO 306
DSC test			
enthalpy change	104	J/g	DIN 53765
melting point	107	°C	DIN 53765