

# SABIC<sup>®</sup> LDPE POWDER 1922P20

## LOW DENSITY POLYETHYLENE

### DESCRIPTION

SABIC<sup>®</sup> LDPE Powder 1922P20 is an additive free CTR<sup>®</sup> tubular grade with a typically high purity and as such a fine material for masterbatches in film applications.

#### Application

SABIC<sup>®</sup> LDPE Powder 1922P20 is a normal sized powder grade. Since the grade is supplied in powder form it is typically used for pre mixing. The flow and dispersion of pigments and additives that tend towards blocking are typically improved by adding this grade.

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>			
<b>Melt Flow Rate</b>			
at 190 °C and 2.16 kg	22	dg/min	ISO 1133
<b>Density</b>	919	kg/m <sup>3</sup>	ASTM D1505
<b>Bulk Density</b>	330	kg/m <sup>3</sup>	ISO 60
<b>Dry flow</b>	25	sec	ISO 6186
<b>Particle size powder</b>	<2000	µm	ASTM D1921
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature</b>			
at 10 N (VST/A)	83	°C	ISO 306
<b>DSC test</b>			
enthalpy change	104	J/g	DIN 53765
melting point	107	°C	DIN 53765

### STORAGE AND HANDLING

Polyethylenes resins (in pelletised or powder form) should be stored in such a way that it prevents exposure to direct sunlight and/or heat, as this may lead to quality deterioration. The storage location should also be dry, dust free and the ambient temperature should not exceed 50 °C. Not complying with these precautionary measures can lead to a degradation of the product which can result in colour changes, bad smell and inadequate product performance. It is also advisable to process polyethylene resins (in pelletised or powder form) within 6 months after delivery, this because also excessive aging of polyethylene can lead to a deterioration in quality.

### HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

Detailed information is provided in the relevant Material Safety Datasheet and or Standard Food Declaration, available on the Internet ([www.SABIC.com](http://www.SABIC.com)). Additional specific information can be requested via your local Sales Office.

### QUALITY

SABIC is fully certified in accordance with the internationally accepted quality standard ISO 9001.