

# SABIC<sup>®</sup> LDPE POWDER 1965P20

LOW DENSITY POLYETHYLENE

## DESCRIPTION

SABIC<sup>®</sup> LDPE Powder 1965P20 is an additive free standard CTR<sup>®</sup> tubular grade for masterbatch with a typically low viscosity. This grade has a typically high filler acceptance.

### Application

SABIC<sup>®</sup> LDPE Powder 1965P20 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	65	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)	75	°C	ISO 306
<b>DSC test</b>			
enthalpy change	95	J/g	DIN 53765
melting point	104	°C	DIN 53765