



SABIC[®] LDPE POWDER 1965P5

LOW DENSITY POLYETHYLENE

DESCRIPTION

SABIC[®] LDPE Powder 1965P5 is an additive free standard CTR[®] tubular grade with a high melt flow rate and is known for its typically high filler/pigments acceptance properties. This grade is supplied in powder form.

Application

SABIC[®] LDPE Powder 1965P5 is a medium sized powder grade with a low viscosity for textile coating, carpet backing and compounding applications. It is further used for masterbatches with a typically very high loading of carbon black, titanium dioxide or pigment.

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			
at 190 °C and 2.16 kg	65	dg/min	ISO 1133
Density	919	kg/m ³	ASTM D1505
Bulk Density	340	kg/m ³	ISO 60
Dry flow	23	sec	ISO 6186
Particle size powder	<600	µm	ASTM D1921
THERMAL PROPERTIES			
Vicat Softening Temperature			
at 10 N (VST/A)	75	°C	ISO 306
DSC test			
enthalpy change	95	J/g	DIN 53765
melting point	104	°C	DIN 53765