

# SABIC® LDPE Powder 1922P5

Low Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

## Message:

SABIC® LDPE Powder 1922P5 is a pure, additive free standard CTR® tubular grade and a typically fine material for general purpose use. This grade is supplied in powder form.

### Application

SABIC® LDPE Powder 1922P5 is a medium sized powder grade with typically low viscosity for textile coating, carpet backing and compounding applications. It is further typically suited for masterbatches with a 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.

General Information			
Features	Additive Free		
	General Purpose		
	High Purity		
	Low Density		
	Low Viscosity		
Uses	Carpet Backing		
	Coating Applications		
	Compounding		
	General Purpose		
	Masterbatch		
	Textile Applications		
Forms	Powder		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.34	g/cm <sup>3</sup>	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	22	g/10 min	ISO 1133
Particle Size - Powder	< 600	µm	ASTM E1181
Enthalpy Change	104	J/g	DIN 53765
Dry Flow	23.0	sec	ISO 6186
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	83.0	°C	ISO 306/A
Melting Temperature (DSC)	107	°C	DIN 53765

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