

SABIC® LDPE Powder 2102P5

Low Density Polyethylene
Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® LDPE Powder 2102TP5 is an additive free standard CTR® tubular grade for masterbatch with a relatively low melt flow rate. This grade is supplied in powder form.

Application

SABIC® LDPE Powder 2102TP5 is a general medium sized powder grade for textile coating, carpet backing and compounding applications with a typically low viscosity. Further it is typically suited for low filled or additive masterbatches (e.g. slip agents, anti fog agents, anti static agents, thermal stabilizers). This product is not intended for and must not be used in any pharmaceutical/medical applications.

General Information			
Features	Additive Free		
	Low Density		
	Low Flow		
	Low Viscosity		
Uses	Carpet Backing		
	Coating Applications		
	Compounding		
	Masterbatch		
	Textile Applications		
Forms	Powder		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.921	g/cm³	ASTM D792
Apparent Density	0.34	g/cm³	ASTM D1895B
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.9	g/10 min	ISO 1133
Particle Size - Powder	< 600	µm	ASTM E1181
Enthalpy Change	110	J/g	Internal Method
Dry Flow	23.0	sec	ISO 6186
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.0	°C	ISO 306/A
Melting Temperature (DSC)	109	°C	Internal Method

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Recommended distributors for this material

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