

SABIC® LDPE 1808P500

Low Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® LDPE Powder 1808P500 is an additive free autoclave grade with a high purity and a specific broad molecular weight distribution. The grade is supplied in powder form.

SABIC® LDPE Powder 1808P500 is a medium sized powder grade with medium viscosity for textile coating, carpet backing and compounding applications. It is also suited for masterbatch applications.

General Information			
Features	High purity		
	Medium wide molecular weight distribution		
	Medium viscosity		
Uses	Carpet backing		
	Textile applications		
	Composite		
	Masterbatch		
	Coating application		
Forms	Powder		
Processing Method	Composite		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Apparent Density	0.34	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	88.0	°C	ISO 306/A
Melting Temperature (DSC)	107	°C	ISO 3146
Additional Information			

Dry Flow, ISO 6186: 23 secondsParticle Size Powder, ASTM 1181: <600 µmMelting Point, DIN 53765: 107°CEnthalpy Change, DIN 53765: 108 J/g

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