

Luxus PE 19100

High Density Polyethylene
Luxus Limited

Message:
Polyethylene Black HD Compound

General Information	
Recycled Content	Yes
Uses	Composite
Appearance	Black
Processing Method	Composite Injection molding

Physical	Nominal Value	Unit	Test Method
Density	0.950 - 0.976	g/cm³	ISO 1183

Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.15 - 0.60	g/10 min	ISO 1133
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Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	13.0	MPa	ISO 527-2
Tensile Strain (Break)	40	%	ISO 527-2

Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Peak Force	750	N	ISO 527

Injection	Nominal Value	Unit
Rear Temperature	180 - 190	°C
Middle Temperature	210 - 240	°C
Front Temperature	210 - 240	°C
Nozzle Temperature	210 - 240	°C
Mold Temperature	10.0 - 30.0	°C
Cushion	3.00 - 6.00	mm

Injection instructions
Barrel residence time: 30 sec to 2 min

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Recommended distributors for this material

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