

AURAPENE PPUFBK35

Compounded Polypropylene
Aurora Manufacturing Ltd

Message:

PPUFBK is a general purpose polypropylene compound with good impact performance and manufactured from recycled polymer.

General Information			
Recycled Content	Yes		
Features	General Purpose		
	Good Impact Resistance		
Uses	General Purpose		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30 to 35	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0 to 25.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 3.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 100	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Burning Rate ¹	< 100	mm/min	ISO 3795
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 80.0	°C	
Rear Temperature	195 to 230	°C	
Middle Temperature	195 to 230	°C	
Front Temperature	195 to 230	°C	
Mold Temperature	20.0 to 50.0	°C	
NOTE			
1.	FMVSS 302		

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