

AURAPENE PPTF30BK

Compounded Polypropylene
Aurora Manufacturing Ltd

Message:

PPTF300BK is a general purpose 30% talc filled polypropylene compound with good UV performance, manufactured from recycled polymer.

General Information			
Filler / Reinforcement	Talc,30% Filler by Weight		
Recycled Content	Yes		
Features	General Purpose		
	Good UV Resistance		
Uses	General Purpose		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15 to 20	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Flexural Modulus	3500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	> 5.2	kJ/m ²	ISO 179/B
Notched Izod Impact Strength	> 3.0	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	< 100	mm/min	FMVSS 302
Flame Rating	HB		Internal Method
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 90.0	°C	
Rear Temperature	195 to 230	°C	
Middle Temperature	195 to 230	°C	
Front Temperature	195 to 230	°C	
Mold Temperature	20.0 to 70.0	°C	

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