

PTFA 07

Polypropylene
Polymer Tailoring Ltd.

Message:

PTFA 07 is a new generation of halogen-free, highly stabilized polypropylene compound for injection moulded applications. The main features include ease of moulding, excellent UV and thermal stabilities, low specific gravity and a flammability rating to UL 94 V0 at 3.2mm. Examples of suitable applications range from electrical sockets and boxes to internal light fittings, plus other areas where a combination of high UV stability and thermal oxidative stability is required. A service temperature in air of 100°C over a period of months to years (i.e. medium term) is within expectation. Articles made from this compound will meet the environmental criteria of both the WEEE and ROHS Directives, as PTFA 07 is 100% environmentally-friendly.

General Information			
Features	Good Flexibility		
	Good Moldability		
	Good Processability		
	Good Strength		
	Good Thermal Stability		
	Good UV Resistance		
	High Impact Resistance		
	Low Density		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	6.0	kJ/m ²	ISO 180
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm ¹	V-0		
3.20 mm	V-0		
Oxygen Index	31 to 36	%	ASTM D2863
Additional Information	Nominal Value	Unit	
UV Stability	> 150	kLy	
NOTE			
1.	S Grade Only		

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