

Aplax P0050FN

Polypropylene
Ginar Technology Co., LTD.

Message:
Flame Retardant , Halogen

General Information			
UL YellowCard	E154352-223877		
Additive	Flame Retardant Halogen		
Features	Flame Retardant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm³	ASTM D792
Molding Shrinkage - Flow (1.60 mm)	1.7	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.010	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Flexural Strength	48.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Melting Temperature	165	°C	ASTM D789
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.794 mm	V-0		
1.59 mm	V-0		
3.18 mm	V-0		

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