

Aplax P0050FN-B40

Polypropylene

Ginar Technology Co., LTD.

Message:

Aplax P0050FN-B40 is a Polypropylene product. It is available in Africa & Middle East, Asia Pacific, Europe, or North America. Typical application: Electrical/Electronic Applications.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Processability
- Heat Resistant
- Impact Resistant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Impact Resistance		
	Good Processability		
	Medium Heat Resistance		
Uses	Electrical/Electronic Applications		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 to 1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	25.5	MPa	ASTM D638
Tensile Elongation ² (Break)	30	%	ASTM D638
Flexural Modulus ³	2550	MPa	ASTM D790
Flexural Strength ⁴	43.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648
CLTE - Flow	1.0E-4	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+18	ohms·cm	ASTM D257
Dielectric Strength	20	kV/mm	ASTM D149

Arc Resistance	76.0	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.800 mm)	V-0		UL 94
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		
3.	2.0 mm/min		
4.	2.0 mm/min		

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