APLAX® P0050NH

PP — Ginar Technology Co.,Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	**15**	g/10min	ASTM D 1238
Temperature	**230**	°C	-
Load	**2.16**	kg	-
Mold Shrinkage, MD	**0.017**	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	**28**	MPa	ASTM D 638
Elongation at Break	**30**	%	ASTM D 638
Flexural Modulus	**1654**	MPa	ASTM D 790
Flexural Strength	**50**	MPa	ASTM D 790
Rockwell Hardness	**R 100**	-	ASTM D 785
Izod Impact notched, 1/8 in	**37**	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	**V-0**	-	UL 94
Thickness tested	**0.8**	mm	-
DTUL @ 66 psi	**130**	°C	ASTM D 648
Melting Temperature	**165**	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	**0.01**	%	ASTM D 570
Density	**980**	kg/m³	ASTM D 792

Characteristics

Special Characteristics

Flame retardant, Halogen-free, Heat stabilized or stable to heat

Applications

Electrical and Electronical

Certifications

RoHS compliant

Regional Availability

Europe, Asia Pacific

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