

PA66 Amilan® CM3004 VO

Properties:	Flame retardant、Glass fiber reinforced、Nylon 66、Unreinforced、Environmental protection 、Non-Halogen 、Nylon 66、Unreinforced、Environmental protection 、Non-Halogen
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Usages:	Electrical field、Electronic field、building materials、Automotive sector
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Technical Datasheet

Physical Properties	testCondition	testMethod	testResult	unit
Moulding shrinkage		ISO294-4	0.7-1.0	%
Density / Specific Gravity		ISO 1183	1.18	g/cm ³

Mechanical Properties	testCondition	testMethod	testResult	unit
Charpy Notched Impact Strength	23°C	ISO179	15	kJ/m ²
Tensile Strength		ISO527	85	Mpa
Tensile Elongation		ISO527	17	%
Rockwell Hardness		ISO2239/2	118	
Flexural Modulus		ISO178	3400	Mpa
Flexural Strength		ISO178	122	Mpa

Thermal Properties	testCondition	testMethod	testResult	unit
Deflection Temperature Under Load	1.80MPa	ISO75	115	°C
Melting Temperature		ISO3461	235	°C
Flame retardancy		UL-94	V-0	
Oxygen Index		ISO4589	24.5	

Electrical performance	testCondition	testMethod	testResult	unit
Dielectric Strength		IEC 60243	22	KV/mm
Surface Resistivity		IEC 60093	1013	
Volume Resistivity		IEC 60093	1014	

IMPORTANT NOTES: yifuhuiplastic.com collected the data in the data sheet from the material manufacturers, yifuhuiplastic.com makes the best effort to improve the accuracy of the data, but has no responsibility for the data. We strongly recommend verifying the validity of the data with the material manufacturers before making a final decision.