

CHANG CHUN CHEMICAL(ZHANGZHOU) CO., LTD.

Baosheng Rd, Longchi Industry Park, Taiwanese Investment Zone, Zhangzhou, Fujian, China
TEL : 86-596-6269085 FAX : 86-596- 26269688

Engineering Plastics

Nylon-66

PA 20G9

Technical Data

CCP PA 20G9

PA 20G9 is a glass fiber 45% retarded injection moulding grade.

PA 20G9為 45%玻璃纖維強化聚醯胺 66複合材料

Characteristics品質特性

- 1)excellent mechanic and compressive strength優越的機械與抗壓強度
- 2)excellent heat-resistant優越的耐熱性
- 3)excellent wear property優越的耐磨耗性
- 4)excellent fatigue durability優越的耐疲勞性
- 5)excellent moldability優越的成型性
- 6)High resistance to fuels, oil, fats and many solvents高抗燃料、油料、溶劑特性

Injection Moulding Condition

Cylinder temperatures : 265-295°C

料管溫度

Nozzle temperature : 285-295°C

射嘴溫度

Mould temperature : 40-120°C, suitable temperature 60-80°C

模溫

Injection rate : middle – fast

射速

Screw speed : 60-120 rpm, to be chosen in such a way that plasticizing time is just within cooling time.

螺桿轉速

Pressure Injection pressure : 500-1200kg/cm²

壓力

射壓

Holding pressure : 300-800kg/cm²

保壓

Back pressure : 0-3kg/cm²

背壓

Packaging包裝

25kg/ paper bag紙袋包裝 25kg

Material handing

Moisture pick-up from ambient air should be avoided. Keep hopper properly closed.

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Property 品質特性	Value 測試值	Unit 單位	Test method ISO
Density密度	1.50	g/cm ³	1183
Ash灰分	45	%	
Melting point熔點	265	°C	DSC
Heat deflection temperature under load 熱變形溫度 --- 1.8MPa	250	°C	75
--- 0.45MPa	260	°C	75
Tensile strength拉伸強度	210	MPa	527
Tensile Elongation拉伸伸長率	2.6	%	527
Flexural strength撓曲強度	320	MPa	178
Flexural modulus撓曲彈性率	12000	MPa	178
Izod impact strength衝擊強度	20	KJ/m ²	180
Dielectric strength, 2mm 絕緣破壞強度	25	kV/mm	IEC 60243-1
Comparative Tracking Index漏電起痕指數	600	V	IEC 60112

(1) For reference only

(2) All data in the table are the typical values of the material and not the minimum values of the material specifications.

※ 以上資料僅為典型值，而非規格值。