Premium Brand · APEXPI · PC · NGM-C12N

Transparent PC Sheet & Rod

Product Specifications Table

Engineering Plastic Sheet

Thickness (mm)	Width (mm)	Length (mm)	Weight (kg)
8	620	1250	8.2
10	620	1250	10.0
12	1250	1250	11.9
15	1250	1250	14.7
20	1250	1250	19.3
25	1250	1250	
30	1250	1250	28.6
35	1250	1250	
40	1250	1250	37.9
45	1250	1250	42.8
50	1250	1250	48.0

Rod & Square Bar

Diameter (mm)	Width (mm)	Length (mm)	Weight (kg)
8	-	1010	0.1
10		1010	0.1
12		1010	0.1
15		1010	0.2
20		1010	0.4
25		1010	0.6
30		1010	0.9
35		1010	1.2
40	-	1010	1.6
45		1010	2.0
50	-	1010	2.5

Product Introduction

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20+ Years of Extrusion	As a vertically integrated PEEK sheet manufacturer headquartered in Dongguan, China, with dual production bases in Dongguan and Jiangxi, NAGOMER breaks the monopoly in the extruded profiles market and is among the first domestic manufacturers to independently develop high-performance PEEK extrusion.
Quality Control — End-to-End Inspection	Every PEEK sheet passes through a rigorous multi-stage quality protocol before release to warehouse and dispatch.

1. Incoming Material Inspection	All raw materials undergo dual verification — both purchased resins and in-house modified compounds are independently tested before entering production.
2. Process Quality Control (IPQC)	Every production batch begins with first-piece milling verification for sheet materials — confirming dimensional accuracy and internal quality before full-scale extrusion.
Core Process Advantages	The NAGOMER difference starts with our proprietary thermal treatment technology.
Specialised Annealing Process	Unlike standard extrusion suppliers who ship material directly off the line, NAGOMER applies a dedicated, tightly controlled annealing process to sheet and bar materials — enhancing toughness and machining stability.
Enhanced Toughness	More isotropic microstructure with better impact resistance, fatigue life, and crack propagation resistance.
Improved Machining Stability	Reduces warping, internal cracking, and dimensional drift during CNC machining, delivering consistent precision parts.