

EXTRUDED NORYL (PPE) SHEETS

						PPE Noryl		PPE Noryl GF30	
						● Grey		● Natural	
Thk (mm)	Weight (kg/ Mtr)	Tolerance (mm)	Width (mm)	Length (mm)		S	L	S	L
10	17.574	+0.2 / +1.10	500	1000	3000		●		●
12	21.288	+0.3 / +1.50	500	1000	3000		●		●
15	26.238	+0.3 / +1.50	500	1000	3000		●		●
20	34.488	+0.3 / +1.50	500	1000	3000		●		●
30	51.981	+0.3 / +2.50	500	1000	3000		●		●
50	84.984	+0.3 / +2.50	500	1000	3000		●		●

COMPARISON SUMMARY NORYL

Noryl, Acetal and PET-P are all engineering plastics used for technical machined components, but they suit different applications. Noryl is strongest where electrical performance, flame resistance and dimensional stability in humid environments are important. Acetal is usually the best practical choice for easy machining, low friction and general dry mechanical parts. PET-P is often preferred for precision components needing stiffness, low moisture uptake and good wear performance, especially in damp or wash-down environments.

Criteria	Noryl	Acetal / POM	PET-P
Best application	Electrical, electronic and humid-environment parts needing stability and flame-rated performance.	Dry mechanical parts such as gears, bushes and machined components needing low friction.	Precision wear parts and wash-down components needing stiffness and low moisture uptake.
Machining and wear	Machines well; good for stable structural parts, but not usually the first choice for bearing wear.	Excellent machining with very good low-friction wear performance in dry use.	Good machining with strong wear performance, especially where moisture may be present.
Stability and moisture	Very good dimensional stability with low water absorption in humid environments.	Low moisture absorption and good general engineering stability.	Very low moisture absorption with high stiffness and strong dimensional stability.