

PA6 FR-V0

Product Information



Flame retardant polyamide 6 for special applications according to UL94 V0 and rail applications according to DIN EN 45545-2

With our Comco-PA6 FR-V0, Comco EPP offers you an unreinforced, flame-retardant polyamide 6 suitable for special applications. The material, listed to UL94 in V0, is based on a flame retardant system that is free of red phosphorus and halogen. Through a special manufacturing process, we have achieved improved homogeneity and thus improved machinability. Our Comco-PA6 FR-V0 meets the requirements for public rail transport according to DIN EN 45545-2 and is also suitable for other industrial applications where special fire behaviour is required.

Standard colours: black, natural available on request!

Areas of application:

- Public rail transport (according to DIN EN 45545-2).
E.g. cable clamps, sliding elements, emergency spring washers
- Industrial applications with special fire behaviour.
E.g. shipbuilding, mining, oil & gas, vehicle construction, etc.

Approvals

Standard:	Classification:
– UL94	V0
– EN45545-2 (02/2016; 10/2020)	R22, R23, R24, R26

Further approvals on request!

Delivery programme

Sheets: 3000 x 620, 2000 x 1000 mm
Thicknesses: 5, 6, 8, 10, 16, 20, 25, 30, 40, 50, 60 mm

Round rods: D_{rm.} x 3000 mm
Diameter: On request!

Other thicknesses on request!

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Product Charts



Sheets

SHEETS PA6 FR-V0	Thickness mm	Tolerance mm	Weight kg / item	Avail- ability
3000 x 620 mm	5	+0.1 ~ +1.0	11.40	MTO
	6	+0.1 ~ +1.0	13.70	MTO
	8	+0.1 ~ +1.0	18.25	MTO
	10	+0.1 ~ +2.0	24.30	MTO
	16	+0.1 ~ +2.0	38.90	MTO
	20	+0.1 ~ +2.0	47.70	MTO
	25	+0.1 ~ +2.0	59.65	MTO
	30	+0.1 ~ +3.0	71.90	MTO
	40	+0.1 ~ +3.0	94.70	S
	50	+0.1 ~ +3.0	118.40	S
	60	+0.1 ~ +3.0	142.10	S

SHEETS PA6 FR-V0	Thickness mm	Tolerance mm	Weight kg / item	Avail- ability
2000 x 1000 mm	5	+0.1 ~ +1.0	12.26	S
	6	+0.1 ~ +1.0	14.73	S
	8	+0.1 ~ +1.0	19.62	S
	10	+0.1 ~ +2.0	26.13	S
	16	+0.1 ~ +2.0	41.83	S
	20	+0.1 ~ +2.0	51.29	S
	30	+0.1 ~ +3.0	77.31	S

For further dimensions, please contact us directly.

Colours:

black, natural available on request!



COMCOEPP

Engineering Plastic Products

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and engineer tailor made solutions.



COMCOEPP
Engineering Plastic Products

Comco EPP GmbH (AT)

info@comco-epp.com

COMCONYLON
High Performance in Plastics

Comco Nylon GmbH (DE)

info@comco-nylon.com

COMCOEPP
Engineering Plastic Products

Comco EPP Middle East
FZCO (AE)

sales@comco-epp.ae

COMCOEPP
Engineering Plastic Products

Comco EPP East Asia &
PI Division (KR)

sales@comco-epp.kr