

COMCOEPP

Engineering Plastic Products

Comco-PA6 FR-V0

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



Comco-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 R22, R23, R24, R26
(02/2016; 10/2020)

Further approvals on request!

Delivery programme

Flat bars: 3000 × 620 mm
Thicknesses: 6, 10, 16, 20, 30, 40 mm

Round rods: Drm. × 3000 mm
Diameter: On request!

Other thicknesses on request!

Comco PA6 FR-V0

Product tables

SHEETS PA6 FR-V0	Thickness mm	Tolerance mm	Weight kg / item
3000 × 620	5	+0,1 ~ +1,0	11,40
	6	+0,1 ~ +1,0	13,70
	8	+0,1 ~ +1,0	18,25
	10	+0,1 ~ +2,0	24,30
	16	+0,1 ~ +2,0	38,90
	20	+0,1 ~ +2,0	47,70
	25	+0,1 ~ +2,0	59,65
	30	+0,1 ~ +3,0	71,90
	40	+0,1 ~ +3,0	94,70
	50	+0,1 ~ +3,0	118,40
	60	+0,1 ~ +3,0	142,10

Colours:

black, natural available on request!

For further dimensions, please contact us directly.



COMCOEPP

Engineering Plastic Products

We produce plastic stock shapes
and engineer tailor made solutions.



Version 1.0 / 2021

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
DMCC (AE)

sales@comco-epp.ae

COMCOEPP
Engineering Plastic Products

Comco EPP East Asia &
PI Division (KR)

sales@comco-epp.kr