

# **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

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

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

Other thicknesses on request!

# Comco PA6 FR-V0

## Product tables

### 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!



Availability:  
S = Standard  
MTO = Made To Order / MOQ = Upon Request



# COMCOEPP

Engineering Plastic Products

We produce plastic stock shapes  
and engineer tailor made solutions.



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Engineering Plastic Products

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