



IKA

Product Information

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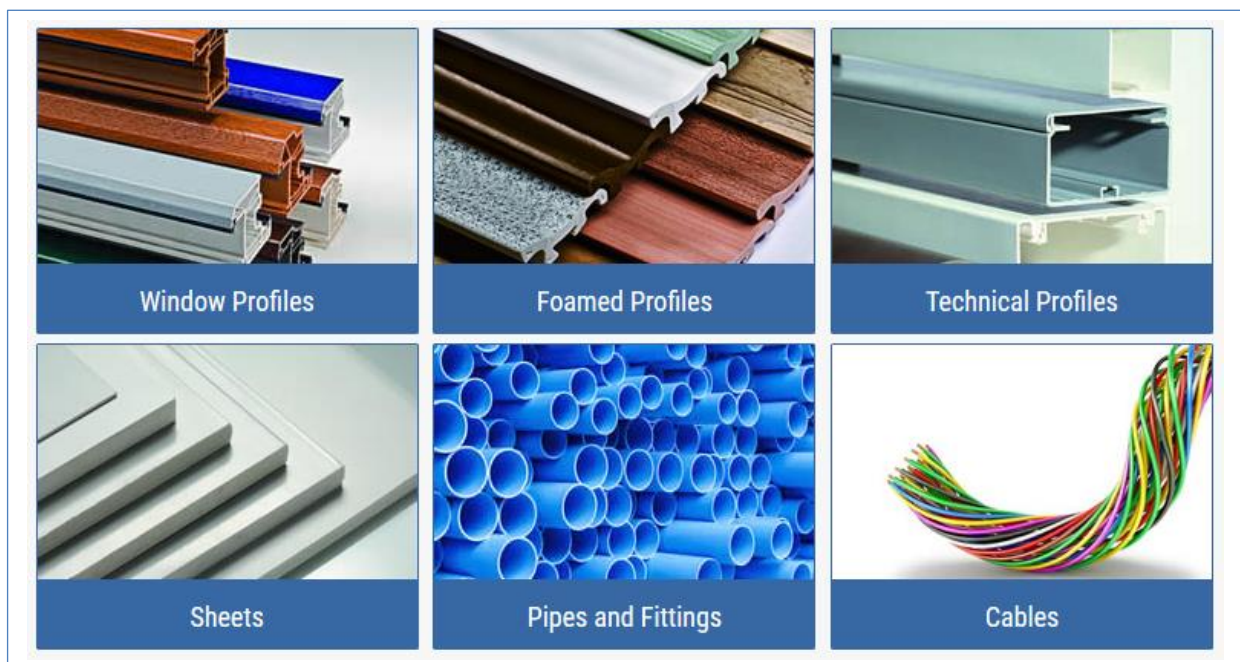
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PVC-Stabilisers „Made in Germany“

The characteristics of PVC products like window profiles or pipes depend on the used stabiliser. PVC is hard and brittle and is only mouldable with add on of plasticiser and stabilisers. Stabilisers make the processing of PVC possible and save the finished product from changing through heat, ultraviolet light and oxygen.



The recommended recipes are based on IKA stabilisers. For our customers we are optimising the stabilisers to their specific requirements.

For all applications we also offer individual calcium-based products, from our product range of EuroStab and Greenstab.





Window Profiles

White Window Profiles	
S-PVC, K-Value 65 - 68*	100
Impact Modifier	5,0 - 6,0
Coated Filler	8,0 - 12,0
Titanium Dioxide	3,5**
CaZn-Stabiliser: IKA 7700C	3,5 - 4,0

Coloured Window Profiles	
S-PVC, K-Value 65 - 68*	100
Impact Modifier	5,0 - 6,0
Coated Filler	8,0 - 16,0
Pigment	X
CaZn-Stabiliser: IKA 8770C	3,0 - 3,5

Window Sill Profiles	
S-PVC, K-Value 65 - 68	100
Coated Filler	40,0 - 80,0
Pigment	X
CaZn-Stabiliser: IKA 7676C	3,0 - 5,0

CaZn= Calcium Zinc Stabilisers

*or impact modified copolymer

** for West European climate; otherwise depending on requirements > 3,5 phr





Foamed Profiles

Upper Layer for Foamed Sheets and Profiles	
S-PVC, K-Value 57 - 60	100
Coated Filler	8,0 - 15,0
Titanium Dioxide	4,0 - 6,0
CaZn-Stabiliser: IKA 7242C	5,5 - 7,0

Celuka Profiles	
S-PVC, K-Value 57 - 60	100
Flow Modifier	5,0 - 6,0
Coated Filler	2,0 - 10,0
Blowing Agent	1,5 - 2,5
Titanium Dioxide	X
CaZn-Stabiliser: IKA 7010C	3,0 - 3,5

CaZn= Calcium Zinc Stabilisers





Technical Profiles

Electrical Conduits

S-PVC, K-Value 60 - 65*	100
Coated Filler	15,0 - 30,0
Pigment	X
CaZn-Stabiliser: IKA 7950C	3,0 - 4,5

Furniture Profiles

S-PVC, K-Value 60 - 68*	100
Coated Filler	5,0 - 50,0
Pigment	x
CaZn-Stabiliser: IKA 7380C	3,4 - 4,4

Woodfibre Filled Profiles

S-PVC, K-Value 50 - 60	100
Woodfibre	50,0 - 100,0
CaZn-Stabiliser: IKA 7672C	4,0 - 5,0

Roller Shutter Profiles

S-PVC, K-Value 58 - 60*	100
Coated Filler	10,0 - 30,0
Pigment	x
CaZn-Stabiliser: IKA 7400C	3,0 - 3,5

CaZn= Calcium Zinc Stabilisers
*Impact modifier as required





Sheets

Compact Sheets	
S-PVC, K-Value 57 - 65	100
Impact Modifier	3,0 - 6,0
Process Aid	1,0 - 2,0
Coated Filler	4,0 - 30,0
Pigment	X
CaZn-Stabiliser: IKA 7500C	4,0 - 5,0

Free Foamed Sheets	
S- or M-PVC, K-Value 57 - 60	100
Process Aid, high molecular	6,0 - 12,0
Coated Filler	2,0 - 6,0
Blowing Agent	X
Pigment	X
CaZn-Stabiliser: IKA 7600C	6,0 - 8,0

Celuka Sheets	
S-PVC, K-Value 57 - 60	100
Process Aid, high molecular	6,0 - 10,0
Coated Filler	2,0 - 20,0
Blowing Agent	1,5 - 2,5
Titanium Dioxide	X
CaZn-Stabiliser: IKA 7650C	4,0 - 5,0

CaZn= Calcium Zinc Stabilisers





Pipes and Fittings

Underground Pipe (Waste)	
S-PVC, K-Value 65 - 68	100
Coated Filler	10,0 – 25,0
Pigment	X
CaZn-Stabiliser: IKA 5080C	2,0 – 2,6

Pressure Pipe	
S-PVC, K-Value 65 - 68	100
Coated Filler	0 – 5,0
Pigment	X
CaZn-Stabiliser: IKA 5060C	2,3 – 2,6
Heavy Metal Free: GreenStab 1010	2,3 – 2,6

Soil Pipe	
S-PVC, K-Value 65 - 68	100
Coated Filler	10,0 – 20,0
Pigment	X
CaZn-Stabiliser: IKA 5060C	2,3 – 2,6

Injection Moulding	
S-PVC, K-Value 50 - 58	100
Coated Filler	0 – 5,0
Pigment	X
CaZn-Stabiliser: IKA 5592C	4,5 – 6,0

CaZn= Calcium Zinc Stabilisers





Cables

Application 70°C	
S-PVC, K-Value 70	100
Plastisizer DiDP	50
Filler	50 – 80
CaZn-Stabiliser: EuroStab 3101C	3,0 – 5,0

Application 90°C/105°C	
S-PVC, K-Value 70	100
Plastisizer DiDP	50
Filler	50 – 80
CaZn-Stabiliser: EuroStab 3201C	4,0 – 8,0

Application 125°C (high temperature)	
S-PVC, K-Value 70	100
Plastisizer TOTM	50
Filler	15 – 20
CaZn-Stabiliser: EuroStab 3310C	10,0 – 14,0

CaZn= Calcium Zinc Stabilisers



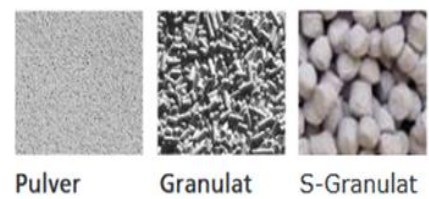
Quality from the beginning!

IKA



Delivery Forms

IKA stabilisers can be delivered in powder, compacted granules or S-granules.



Pulver

Granulat

S-Granulat

Packaging

- Film Sachets in Cardboard Box
- Paper Bag/PE
- Big Bag
- Steel Container
- Mobile Bulk Silo
- Road Tanker



Contact

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