

## Technical Data Sheet

### EKAPLAST – Jacketing Foil and Form Parts

<b>Material:</b>	Halogen-free thermoplast-foil
<b>Color:</b>	Grey, white, black
<b>Environmental permanence:</b>	UV- and weather-resistant
<b>Property:</b>	Free of halogens, free of PVC and free of silicones
<b>Density:</b>	1,32 g/cm <sup>3</sup>
<b>Blow firmness:</b>	≥ 250 kJ/m <sup>2</sup> (up to 500 µm foil thickness)
<b>Tensile strength:</b>	≥ 45 N/mm <sup>2</sup>
<b>Elongation at rupture:</b>	≥ 350 %
<b>Elasticity module:</b>	≥ 1500 N/mm <sup>2</sup>
<b>Glaze point:</b>	≈ 255 °C
<b>Shrinkage:</b>	10 min by 50°C = 0 % 10 min by 70°C ≤ 0,2 % 10 min by 140°C ≤ 10,0 %
<b>Moisture resistance factor µ:</b>	Approx. 120 000
<b>Sd-value:</b>	42 mtr (foil-thickness 0,35mm)
<b>Material thickness:</b>	0,15 ...0,6 mm
<b>Foil width:</b>	1000 mm for foils with rolling tendency (600mm for black color)
<b>Tolerance:</b>	≤ ± 5 %
<b>Ranges of application:</b>	As insulation-protect-jacketing
<b>Temperature range:</b>	From -20 to +50 (°C) insulation outside temperature
<b>Connection /Fixing</b>	EKAFIX rivets (in addition can be used acetone or EKAFIX Butyl-tape)

#### Other properties:

We confirm that Cadmium, Hexavalent Chromium, Lead, Mercury, Polybrominated biphenyls (PBB) and Polybrominated diphenyl esters (PBDE) (including DecaBDE) have not been added intentionally to the Ekaplast products.

#### Tips:

Color divergences between foil, form parts and adhesive tape are possible.

The information in this data sheet is based on our topical knowledge, experiences, as well as information of the manufacturer. The sheet does not contain a bill of sale or an assurance. No representation of warranty is made for specific product properties or concrete applications. All applicable current standards must be observed and followed. This document will supersede all previous data sheets.

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