

MACHINE COMPONENTS

The company Isokon carries out orders with the most state-of-the-art CAD-CAM systems and modern computerized machinery for processing of thermoplastics.

Material: KOTERM PE1000

Properties:

- Excellent wear and abrasion resistance
- Very low coefficient of friction
- Self-lubrication
- No moisture absorption
- Other suitable materials:
Regenerated KOTERM PE1000

Standard colours:

natural, black, green



Additional offer:

aqua blue, green-yellow, purple



Other colours may be custom-ordered..

Material: KOTERM PE500

Properties:

- Physiological integrity (according to the FDA Standard)
- High resistance to incision and friction
- High chemical and corrosion resistance
- Good impact strength
- Other suitable materials:
Regenerated KOTERM PE500

Standard colours:

natural, black, green



Additional offer:

white, yellow, red



red-brown, grey, blue



pepper-salt, natural marble, black marble



Other colours may be custom-ordered..

Material: KOTERM PPH

Properties:

- High chemical and corrosion resistance
- Good welding capacity
- Very good specific electrical resistance and dielectric strength
- Physiological integrity
- Other suitable materials:
Regenerated KOTERM PE1000

Standard colours:

natural, grey



Other colours may be custom-ordered..



Special materials:

- **KOTERM FREX** (PE-UHMW + additives)

Colour: dark grey 

Properties: self-extinguishable, antistatic

- **KOTERM OIL FILLED** (PE UHMW + additives)

Colour: natural, black, green 

Properties: improved sliding characteristics

- **KOTERM MoS₂** (PE UHMW + additives)

Colour: black 

Properties: improved sliding characteristics

- **KOTERM DS** (PE UHMW + additives)

Colour: black 

Properties: dry sliding, increased wear resistance

- **KOTERM SUPER HOT** (PE UHMW + additives)

Colour: natural 

Properties: enhanced heat distortion resistance

Other materials:

- **PA, POM, PET, PVDF, PTFE**

- **Manufacturing possibilities:**

Standard panel dimensions: thickness of 10mm up to 130mm, widths of 1,020mm and 1,220mm, and lengths of 2,020mm 3,030mm and 6,100mm.



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