

PPSU MG – Colour Variants

PPSU MG

Polyphenylsulfone, medical grade (PPSU MG) – colour overview

Liedtke offers PPSU MG in several colour variants. All colour variants are based on the same base resin and have essentially the same mechanical and thermal properties; minor deviations are possible – due to the respective colour pigments – particularly in the electrical and optical properties. The technical values in Liedtke Kunststofftechnik's data sheets refer to the colour black as the base version. Documentation for the other colour variants is available on request.

Typical Properties

- All colour variants are based on the same base PPSU resin (MG, medical grade)
- Mechanical and thermal values are essentially colour-independent
- Electrical and optical properties may vary slightly by colour

Typical Industries

- Medical technology
- Surgical instruments and trial implants
- Endoscopy
- Ventilation technology

Test Method	Unit	Value
Colour Variants (twelve colours, used to identify batches, sizes or applications)		
Black		BK937, similar to RAL 9004 – base
Blue		
Bone NT15		light beige, similar RAL 1013
Brown		
Dark Grey		
Green		
Grey		
Orange		
Purple		
Red		
White		
Yellow		

Colour names and colour comparisons (e.g. RAL) are provided for general orientation only and do not constitute a binding colour match. Binding samples are available on request. The technical values primarily apply to the colour black; other colour variants may deviate, particularly in their electrical properties.