

PP – Polypropylene PP GF25+M15

## AKROLEN® PP GFM 25/15 LA black (6379)

Tensile modulus

**6800 MPa**

1 mm/min

ISO 527-2

Stress at break

**80 MPa**

5 mm/min

ISO 527-2

Charpy impact strength

**50 kJ/m<sup>2</sup>**

23°C

ISO 179-1/1eU

AKROLEN® PP GFM 25/15 LA black (6379) is a 25% glass fibre reinforced, 15% mineralfilled, laser markable polypropylene with good surface and dimensional stability.

### Typical applications

Mainly thin wall housings for electronic parts in the automotive industry.



### Mechanical Properties

Tensile modulus (1 mm/min | ISO 527-2)

d.a.m.

6800 MPa

Stress at break (5 mm/min | ISO 527-2)

d.a.m.

80 MPa

Strain at break (5 mm/min | ISO 527-2)

d.a.m.

3 %

Charpy impact strength (23°C | ISO 179-1/1eU)

d.a.m.

50 kJ/m<sup>2</sup>

### Thermal Properties

Melt temperature (DSC, 10K/min | DIN EN 11357-1)

167 °C



### General properties

Density (23°C | ISO 1183)

1,21 g/cm<sup>3</sup>

### Rheological Properties

MVR (230°C/2,16kg | ISO 1133)

8 cm<sup>3</sup>/10min

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