

## Technical data

### Optical Properties

Colour: Silver/grey with metallic appearance

### Material Properties

Measurement	Condition	Value
Density of part	EOS Method	1.36 to 0.05g/cm <sup>3</sup>

### Mechanical Properties

Measurement	Condition	Value
	DIN EN ISO	
Tensile Modulus	527	3800±150N/mm <sup>2</sup>
Tensile Strength	527	46±3N/mm <sup>2</sup>
Elongation@Break	527	3.5±1%
Flexural Modulus	178	3000±150N/mm <sup>2</sup>
Flexural Strength	178	74±2kJm <sup>2</sup>
Impact Strength(Charpy)	179	29±2kJm <sup>2</sup>
Notched Impact Strength(Charpy)	179	4.6±0.3kJm <sup>2</sup>
Ball indentation Hardness	2039	77.6±2kJm <sup>2</sup>
Shore D Hardness	DIN 53505	76±2kJm <sup>2</sup>

### Thermal Properties

Measurement	Value
TG Glass Transition	140+ °c

## Features, benefits & applications

- Non-porous material
- Suitable for cold/intake side of the engine
- Can be tapped and machined