



CENTROSOL

ABS

High stiffness and toughness

Acrylonitrile-Butadiene-Styrole ranks among the oldest and most important styrolcopolymers and is obtained from the three components acrylnitrile, butadiene and styrole. ABS-plastics distinguish themselves through high toughness, resistance, stiffness, as well as their impact and fracture

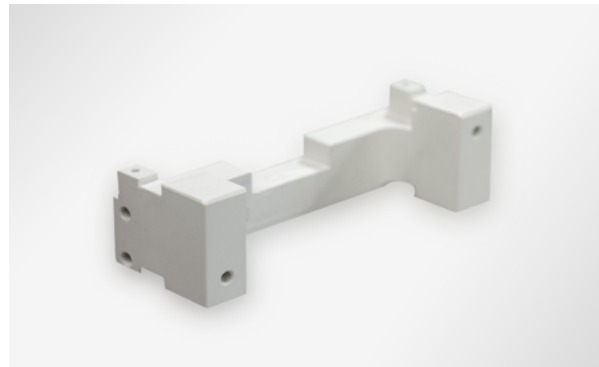
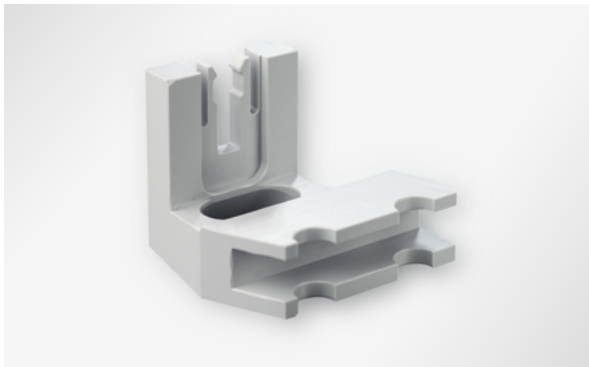
behaviour. Acrylnitrile-Butadiene-Styrole only has a low static charge and is therefore often used in the areas of electronic and precision engineering.

MATERIAL PROPERTIES

Water absorption:	less good
Strength, Hardness, Toughness:	good
Temperature for usage in air:	less good
Dimensional stability, Heat distortion temperature:	good
Bond-, Weld- and Machinability:	good
Acid and Chemical resistance:	good

PRODUCT INFORMATION

Designation:	Acrylonitrile-Butadiene-Styrole
Other names:	–
Abbreviation ISO 1043:	ABS
CAS-Number:	9003-56-9
Type of polymer:	Thermoplastic
Molecular Shapeula:	$(C_8H_8-C_4H_6-C_3H_3N)_n$



FIELD OF APPLICATION

- › Operation components
- › Support components

MODIFICATIONS

- › **ABS**