

## AC161 SPBK Custom Elastomer Compound

### Description

AC161 SPBK is a one-component addition cure HCR/HTV ready to use black silicone rubber from Momentive Performance Materials. This compound is suitable for moulding and was especially developed for technical moulded parts eg. Spark Plug Boots in the automotive area.

### Key Features and Typical Benefits

AC161 SPBK can be directly conveyed to production process, no further cost intensive milling or mixing required.

- Good mechanical properties
- Good heat resistance
- Excellent processing and flow behaviour
- Short injection time and cycle time
- Very good de-moulding behaviour

### Typical Product Data

Typical Properties of the Vulcanized Rubber: Test results on moulded slabs. Vulcanization conditions: 20 mins. @ 175°C			
Appearance			Black
Mechanical Properties			
Density	g/cm <sup>3</sup>	DIN 53 479A	1.18
Hardness	Shore A	DIN 53 505	58
Tensile Strength	MPa	DIN 53 504 S2	9
Elongation At Break	%	DIN 53 504 S2	500
Tear Strength	N/mm	ASTM D624 Die B	30

Typical product data should not be used as specifications. For assistance and specifications please contact Momentive Performance Materials.

## Containers

AC161 SPBK is available in 500Kg cardboard boxes.

## Instructions for Use

AC161 SPBK is a ready to use compound. Can be compression moulded, injection moulded or steam cured.

Cure inhibition: Being a platinum cure mechanism, the following contaminants can cause cure inhibition.

- Amine derivatives: Organic and inorganic basic compounds
- Sulfur Products: Anti-oxidants from plastics (thio compounds and sulphides)
- Metal Soaps: Mould release agents or anti-acids as Zn or Ca Stearate from Polyolefins
- Tin compounds
- Phosphorous products: Anti-oxidants from plastics (phosphines and phosphates)

## Storage Period

The warranty period of AC161 SPBK is 3 months from the date of manufacture, if stored in the original unopened boxes and stored at dry conditions at room temperature (max. 27°C). The shelf life will be indicated by the “use before date” on the associated Certificate of Analysis.

## Availability

AC161 SPBK may be ordered from your regular sales contact.

## Patent Status

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## Product Safety, Handling and Storage



For literature and technical assistance, visit our website at: [www.momentive.com](http://www.momentive.com)

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