



## TECHNICAL DATA SHEET ALCON ALSONA

### 1. Product Description

It is a reinforced polymer system material for two component, repair, filling, new parts and mold production. This product provides quality and fast solutions for a wide range of applications for general engineering requirements.

### 2. Properties

- Strong effect.
- Does not cause corrosion and damage
- Easy application
- Special formula
- After hardening, ALSONA 7111 is resistant to oil, water, oil, vibration and certain heat.
- Heat Resistance: [-40 ° C / +200 ° C max]

### 3. Technical Information

Form : Paste  
Colour : Gray-Black after mixing.  
Odour : characteristic (epoxy)  
Hardening Time : Application surfaces and ambient temperature affect ALSONA's full cure time. If the surfaces and ambient temperature are at a temperature of 25 ° C (recommended), ALSONA completes its initial cure for an average of 60-90 minutes. It is recommended to wait at least 24 hours for application of the application part.

### 4. Application Details

#### Major Uses

- Large ball bearings (Worn ball bearings),
- Brake and perforated case and molds, leaky storage tanks,
- Filling and regeneration of the deformations of the hydraulic pump and bodies,
- Filling of cracks, corrosion and cavities in the machine casing and bearings,
- Protection, in the repair of surface holes and cracks of the elbows,
- In the repair of parts such as worn, worn, weakened shaft, shaft, axle,
- Infilling the shaft, shaft, stud and screw holes and repairing teeth.



## Usage of ALSONA 7111

The steel filled polymer contained in the bigger box, the hardener special activator in the small box is emptied. The two components should be mixed for at least 4-5 minutes with the help of a strong spatula until homogeneous. If the application environment is cold, it is best to heat these two components to 20 ° C - 25 ° C with the aid of a heat source such as a radiator to facilitate mixing. The prepared mixture should be used at room temperature (25 ° C) within 20 - 25 minutes at most. Mixing ratio when not using ALSONA completely: 3 volumes (5 parts by weight) of steel filled polymer. Hardener should be used as 1 volume (1 part by weight) of special activator.

### For a good result in practice

The surfaces to be applied must be free from contaminants such as dust, oil and paint residues. If necessary, such residues should be cleaned with an oil-free solvent such as Alcohol, Methyl Ethyl Ketone (MEK). If material is available, grinding, sanding, sanding should be done by mechanical methods for the removal of stubborn residues. It is advisable to immediately apply the application to avoid reoxidation after the application surface has been cleaned.

## 5. Packaging

CODE	PRODUCT NAME	PACKING	PARCEL
M-7111	ALSONA 7111 PLASTIC EPOXY & METAL PUTTY	1 kg. BOX	10

## 6. Shelf Life and Storage

Shelf life is 5 years from production date . Keep temperatures above 50 ° C and away from direct sunlight. Store in a cool, dry place. Keep containers closed and upright, protecting them from physical damage. Avoid static discharge.

## 7. Caution

Keep under lock and key and out of reach of children.  
Avoid contact with skin.  
Rinse immediately with plenty of water and seek contact with eyes.  
After contact with skin wash immediately with soap and water.  
Wear suitable protective clothing, gloves and eye / face protection.  
Avoid release to the environment.

## 8. Health and Safety

For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.