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## *TECHNICAL DATA SHEET*

### CHAMÄLEON UNIVERSAL MEDIUM-GRAINED FILLER

- Article number:** 15012, 15014, 15015, 15016, 15019
- Intended use:** Knife filler/ Surfacer
- General characteristics:** For filling of holes and uneven spots, for applying to pretreated surfaces when repairing car body parts and other metal surfaces such as e.g. stairs, for positioning plugs and screws etc.  
Fields of application:  
Universally applicable in the whole field of hobby and do-it-yourself.  
Applicable on metal, wood, concrete. Chamäleon Universal medium-grained Polyester Putty is a 2-component polyester filling putty as mixture of a medium-elastic, highly reactive, amino-preaccelerated polyester resin with different mineral, environment-friendly fillers, soft.
- Quality and properties:**
- Ease of working
  - High elasticity
  - Good adherence
  - Even and pore-free spreadable on large area
  - Easy to sand, even after a longer period
  - Good stability, even on vertical surfaces
  - Suitable for stoved enamel coating
  - No more differentiation of surfaces like zinc-plated, hot dip galvanized or aluminium
  - Resistant to weak acids and bases, propellants, solvents, water and de-icing salt
- Technical characteristics:**
- Basis:** polyester resin with mineral fillers  
**Colour:** grey  
**Smell:** styrol  
**Consistence:** soft, thixotropic, pasty



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<b>Pot life / Working time at 20°C:</b>	approx. 4
<b>Working temperature:</b>	min. 12°C
<b>Drying time (at 20°C, 50% relative air humidity):</b>	can be sanded after approx. 20-30 minutes
<b>Flash point:</b>	approx. 33°C (resin); not applicable for hardener
<b>Density at 20°C:</b>	putty 1.7 g/cm <sup>3</sup> hardener 1.15 g/cm <sup>3</sup>
<b>Addition of hardener:</b>	2 - 4 % (optimal mixture 2,5 %)
<b>Temperature resistance of the cured material:</b>	120°C

## Application:

Before use, carefully read and observe the warning texts on the label!

- The object you wish to repair should be de-rusted, clean, dry, fat-free and sanded.
- Take the requested portion of putty compound out of the can and mix it well with the corresponding quantity of hardener.
- Apply the mixed material in the desired layer thickness.
- Clean tools immediately after use, if necessary with a nitro thinner.
- Do not return mixed material into the can.
- After approx. 20-30 minutes the repaired spot can be drilled, sanded (sandpaper grain 80 - 240), sawed, rasped and painted.

## Environment and labeling:

<b>Environmentally sound:</b>	The product is 100% free of heavy metals. The caps and packagings are made of recyclable material.
<b>Disposal:</b>	Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

**Storage stability:** 24 months if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%) in the unopened original container. Protect from direct sunlight, frost and humidity.

## Packaging:

15012	Chamaeleon Universal medium-grained Polyester Putty	250 g
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15014	Chamaeleon Universal medium-grained Polyester Putty	512 g
15015	Chamaeleon Universal medium-grained Polyester Putty	1000 g
15016	Chamaeleon Universal medium-grained Polyester Putty	1850 g
15019	Chamaeleon Universal medium-grained Polyester Putty	4100 g

*For the additional information that is not included to the Technical Data Sheet apply to the supplier:  
e-mail: [info@chamaeleon-produktion.de](mailto:info@chamaeleon-produktion.de)  
See information on safety in Safety Data Sheet.*