

# Fenochem Moulding Compound

## *Compression/Transfer/Injection Grade*

### Fenochem All Grade

The Fenochem Moulding Compound are based on phenol-resin (Novolak) fortified with organic and inorganic fillers and further modified by the addition of minor amounts of special purpose additives, hardeners, catalyst and pigments.

Fenochem compounds are available in a variety of grades suitable for compression, transfer and injection moulding. For each process type, General Purpose, Heat Resistant and Mechanical Resistant grades are available.

Fenochem moulded parts exhibit an exceptionally homogeneous and glossy parts with excellent mechanical, heat resistance and dielectric properties.

The surface is hard and glossy with excellent chemical resistance. Fats, oils and common organic solvents do not attack the material and they are also resistant to surfactants and weak bases and acids. No halogens are present in the composition and heat resistance is maintained without the addition of external flame-retardants.

The products comply with the requirements of the widely used material specifications for PF like:

DIN 7708 type 31 (\*)  
UL certified  
(\*) included in ISO 14526



**Fields of application** Fenocem Moulding Compound are used in a number of applications, including parts for the automotive industry (special parts for power brakes, bases for fuel-pumps, ashtrays, etc.), household products (handles for oven-resistant pots, special part for floor polisher, vacuum cleaners, etc.) as well as many specialized articles (machine handles, knobs, etc.).

Fenocem Moulding Compound is available in 3 different categories:

**FENOCEM GP**

General Purpose \_ for household items. Grade: 3500,4500,4700,5000

**FENOCEM MR**

Mechanically Resistant \_ suitable for the production of part which require high mechanical resistance. Grade: ES, EC

**FENOCEM HT**

Heat Resistant\_ for the production the articles such as handles for pots and pans, bases for iron. Grade: 3800,4800,5700

**Recycling/ Environment** Products made out of our Fenocem do not have adverse effect on the environment and are easily dispose of in compliance with local regulation.

On decomposition, products made from Fenocem compounds end up as natural harmless chemicals like water, nitrogen and carbon dioxide. Moreover, as potentially carcinogenic flame retardants are not required, the risk to health is reduced. Fenocem Moulding Compound all grades are in full compliance to RoHS.

**Packaging and storage** Available in bags, octabins, Gaylords or big-bags.  
Store product in cool and dry indoor space.  
Storage below 20°C will provide a shelf life of least 12 months.

