

# MKD75DAE

## **Product description :**

Plasticized PVC Compound Calcium Zinc stabilized.

Processing: injection

Product form: granulates (opaque, mass- or masterbatch coloured).

## **Application(s) :**

– Car interior parts.

## **Main characteristic(s) :**

Good behaviour to U.V.

Good chemical inertia to

– Base.

– Dish washing powder.

Free from:

– di-octyl phthalate (DOP) / Di(2-ethylhexyl) phthalate (DEHP)

(Does not contain this specific substance intentionally added, but it may be in trace in the raw materials used.)

## **Standard compliance :**

Material meets requirement:

– European directive 2000 / 53 EC (end of life vehicle)

– European directive 2011 / 65 UE (RoHS: Restriction of the use of certain hazardous substances for electronic and electric devices)

– Do not comply for medical equipment, toys and food contact.

## **Service temperatures :**

Continuous service temperature: +80°C

## **Processing conditions :**

Ready to use

Not hygroscopic and no need for predrying.

Recommended processing conditions:

Injection temperatures:

Lower Hardnesses: Zone 1=150 – 2=160 – 3=170°C

Higher Hardnesses: Zone 1=170 – 2=180 – 3=190°C

Remark: These parameters provide standard settings and need to be adapted in function of the applied converting equipment.

After grinding, material can be recycled. Percentage to be adapted in function of material processing restrictions.

Please consult the material safety datasheet before use.

Warning : The information contained herein is accurate to the best of our knowledge, but since the circumstances and conditions in which the material may be used are beyond our control, we do not accept liability for any loss or damage that may occur nor do we offer any warranty of immunity against patent infringement. The values indicated in the tables only describe typical properties but do not constitute specification limits.

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**Colouring :**

Standard colours: Natural (Mass colouring on request).

**Packaging – storage :**

Conditioning standard(s):

- 25 Kg PE bags on pallet (film wrapped).
- octabin.

Store indoors at a temperature below 40°C and avoid direct sunlight.

Despite a longer shelf storage life without loss of properties, we recommend to use the material within 6 months from delivery date.

Table of properties, please see next page.

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Physical mechanical characteristics	Test Method	Units	E__
Hardness, 15 seconds (ShA)	ISO 868	shore A	73
Specific gravity	ISO 1183	g/cm <sup>3</sup>	1.28
Stress at 100 % elongation	ISO 37	MPa	6.5
Tensile strength at break	ISO 37	MPa	8.2
Elongation at break	ISO 37	%	190
MFI 190°C – 2.16 kg	ISO 1133	g/10 min	70
Thermal stability : Congo red	ISO R 182-1	min	78

Tested on injected plates.

The figures given are average values and should not be considered as a firm specification.

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