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Spacer disc on Accord MSC 6 m drill AKROLOY PA GF60 natural (2941)

As in other branches of industry, the rapid pace of change means that agricultural equipment is also undergoing continuous development.

Kverneland Group Soest GmbH, one of the leading agricultural engineering manufacturers, has launched production of a new generation of tilling and drilling equipment with its system solution for normal and mulch sowing, the "Accord MSC 6 m".



Accord MSC 6 m cultivation and seeding system

Apart from many other new features, this device also implements a number of innovative solutions for substituting metal. So now, instead of the 25 aluminium laser components on each hydraulic cylinder that were previously used for setting the sowing depth of the seed, the equipment uses injection-moulded spacer discs made of **AKROLOY PA GF60 natural (2941)**.



2 spacer discs

Design measures have been able to eliminate a tendency to warpage at non-visible joint lines on the spacer discs.

These devices have working widths of between 3 and 6 m and have a high inherent weight, which these spacer discs have to absorb during continuous operation.



Arrangement of the spacer discs on the hydraulic cylinders

All the requirements placed on the material are fully met with **AKROLOY PA GF60 natural (2941)**.

- more cost-effective manufacture of the injection-moulded parts
- high tensile strength
- minimal cold flow characteristics
- high dimensional stability under different weather conditions
- ease of introducing black and grey pigmentation into the material
- the material presents no problems whatsoever in terms of injection-moulding technology

AKROLOY is a compound based on PA developed by **AKRO-PLASTIC of Niederzissen**. Due to its aromatic content, it only absorbs a very small amount of moisture and hence only experiences insignificant dimensional and mechanical changes.

The extremely high compressive strength and dimensional stability of the spacer discs in this special application are additionally ensured by the high glass-fibre content in **AKROLOY PA GF60 natural (2941)**.

Various **AKROLOY** types are available for other applications.

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