

DATA SHEET



Statement concerning regrind in plastic materials

Quality reservation for sheets/rolls made in part or in full of regenerated material:

More and more plastic processing companies prefer to use regenerated material for various applications. The reason for this may be both ecological and/or cost saving. Knowledge and test show that plastic material will degrade every time it is recycled. The structure of the molecules will degrade every time the material is reheated.

Furthermore there may be issues with regard to keeping a uniform quality at the same level as virgin material.

Potential risks when using regenerated material in part or in full:

When processing industrially it is not possible to obtain a uniform quality over and over again, when regenerated material is used. A lot of parameters will affect the quality:

- Regenerated material may contain pigments with different melting points
- Degrading of molecule chains
- Impurities

Consequences:

- Brittle material
- Lines on the surface from impurities which settle around the die
- Spots on the surface from impurities or un-melted material
- Pinholes after thermoforming

Quality reservation when applying regenerated material:

- SWP naturally urge our customers to use regenerated material for their various applications as this is advantageous both environmentally and economically.
- SWP will not accept complaints such as die lines, spots or pinholes caused by small/large spots or impurities/un-melted material. It will be at your risk as the customer to choose to use regenerated material either in full or in part.
- Should you as a customer experience holes in a vacuum formed item, we shall credit only the item in question, but only if the holes are caused by faulty production.
- Undiluted gels are a characteristic of recycled material and may appear from time to time on the A surface and colour consistency between sheets cannot be guaranteed.
- Rejections based on surface finish are not acceptable on recycled materials and are considered a characteristic and not a defect.