

Customer information concerning

## DIRECTIVE 2000/53/EC (ELV) AND THE GLOBAL AUTOMOTIVE DECLARABLE SUBSTANCE LIST (GADSL)

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The End-of-Life Vehicles (ELV) Directive 2000/53/EC defines requirements for the countries of the European Union with regard to production and recycling of motor vehicles. It prohibits the use of certain substances and sets out requirements for recyclability and the use of recycled materials in automobile production.

The Directive establishes the following permissible maximum concentrations for hazardous substances in homogeneous materials:

- max. 0.1 % by weight for lead, mercury, hexavalent chromium
- max. 0.01 % by weight for cadmium

Outokumpu does not use these critical substances during the production of our products and they are consequently not present in them at all or only as technically unavoidable trace impurities in concentrations well below the specified limits.

The Global Automotive Declarable Substance List (GADSL) is issued by a stakeholder group representing the global auto industry. The GADSL defines prohibited and declarable substances in automotive materials and covers significantly more substances than the end-of-life vehicle directive.

The products of Outokumpu do not contain any GADSL prohibited substances, but depending on grade they can contain the following declarable substances: Nickel, Copper, and Cobalt. These elements are present in solid metallic solution and therefore are not available to be released in to the environment. Information on concentrations is shown in the product specification that accompanies the delivery.

For Outokumpu Group



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