## P+S Polyurethan-Elastomere GmbH & Co. KG



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We are delighted at your interest in our work and will give a comprehensive insight into the wide and varied range of services of P+S Polyurethan-Elastomere GmbH & Co. KG.

The history of our company dates back 1972. In those days the main focus of our activities was in the production of thermoplastic injection moulded parts and polyurethane foam elements. Shortly afterwards, we started a pilot plant for the manufacture of constructional elements made of cellular and solid polyurethane elastomers for high stress applications. It turned out to be a very decisive step towards the future and was a significant influence on the company's strategic development over the coming years.

Polyurethane materialsVulkollan®Diepothan®Vulkocell®Diepocell®Diepolast® The hot-casted polyurethane materials produced by P+S are characterised by a very good technical value level. PUR materials from P+S consist of 3 - 4 material components. High-quality isocyanates and polyols are the basis (the prepolymer) of

the polyurethanes. Therefor, various cross-linkings (water or amine/glycol crosslinkers) lead to the 5 basic materials: Vulkollan, Diepothan, Vulkocell, Diepocell and Diepolast. ProdukteMoulded partsGaskets and sealsElastomeric springs compactElastomeric springs cellularImpact buffersLift buffersLift componentsRolls and rollersPressure bars and cutting edgesMetal-elastomer compoundsDampers and stopsSemi-finished products Due to the special material properties, moulded parts made of Vulkollan, Diepothan, Vulkocell and Diepocell are used in a wide range of applications. We see individual customer requirements as a challenge and support our customers with our many years of experience and knowledge of materials in the development of an optimal solution. Applications Elevator technologyRail vehicle technologyAgricultural industryVehicle technologyPaper and printing technologyCardboard and packagingPipeline serviceCrane technologyMunicipal serviceMachine constructingTransport- conveying technologyVibration technologyMaterials made of polyurethane provide state-of-theart solutions for numerous industry branches and play an indispensable role in the global economic life of the twenty-first century. On all continents there is an increasing demand for our high performance, maintenance-free PU components which are required to master more and more complex challenges. We that this gives you an introduction to some of the most important fields of application for our PUR solutions. We will be delighted to inform you in detail about how you can take advantage of our high performance materials.

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