Sulfone Polymers (PSU, PPSU & PESU) - A Global Market Overview

Description:

The combination of features such as mechanically tough and rigid, transparent, resistance against hydrolysis and against acidic attacks and melt processing at temperatures of up to 400°C, coupled with ease of fabrication, has enabled sulfone polymers to be used in a wide and increasingly diversified range of applications.

Major forces driving the demand for sulfone polymers across the globe include their growing usage in automotive, aerospace, medical and filtration membranes. Replacing metal to reduce weight, reduce emissions and increase fuel efficiency in automotive and aerospace sector is the key driver for future demand for sulfone polymers.

Medical & healthcare sector currently is the largest consumer for sulfone polymers, such as PSU and PPSU and further contributes to the growth of these polymers. However, the fastest growth is expected for sulfone polymers, specifically polyethersulfone (PESU), in filtration membranes.

This global market report analyzes the sulfone polymer product types comprising Polysulfone (PSU), Polyphenylsulfone (PPSU) and Polyethersulfone (PESU). The report explores the key end-use sectors of sulfone polymers including Aerospace & Military, Automotive, Electrical & Electronics, Food & Household, Mechanical/Industrial, Medical & Healthcare and Others.

The global markets for the above mentioned product types and end-use sectors are analyzed in terms of volume in metric tons and value in USD for 2012-2022 analysis period. This report also provides the comprehensive market analysis of each polymer type by end-use sector for the global markets including the United States and key regions in Europe, Asia-Pacific and Rest of World.

The study reviews, analyses and projects the Sulfone Polymers market for the aforementioned analysis period globally and the regional markets including the United States, Europe, Asia-Pacific, South America and Rest of World.

The regional markets further analyzed for 7 more independent countries across Europe - France, Germany, Italy and the United Kingdom; Asia-Pacific - China, Japan and South Korea. Volume consumption, worldwide, of Sulfone Polymers is forecast to be 51.1 thousand metric tons in 2016 and is projected to reach 68.9 thousand metric tons by 2022 at a CAGR of 5.1% between 2016 and 2022.

This 400 page global market research report includes 342 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers.

This report profiles 4 key global players and 14 independent compounders and processors spread across the globe. The research also provides the listing of the companies engaged in manufacturing, compounding, processing and supply of Sulfone Polymers (PSU, PPSU & PESU). The global list of companies covers the address, contact numbers and the website addresses of 77 companies.

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- Solvay SA (Belgium)
- Solvay Specialty Polymers USA, LLC (United States)
- Sumitomo Chemical Company, Limited (Japan)
2.3 Key Independent Compounders and Processors
- Centroplast Engineering Plastics GmbH (Germany)
- Ensinger Inc. (United States)
- Evonik Industries AG (Germany)
- GEHR GmbH (Germany)
- Infinity LTL Engineered Compounds (United States)
- Lati Industria Termoplastici S.p.A. (Italy)
- Ovation Polymers Inc. (United States)
- Oxford Polymers, Inc. (United States)
- Polymer Industries (United States)
- Polyone Corporation (United States)
- Quadrant AG (Switzerland)
- RTP Company (United States)
- SABIC Innovative Plastics US LLC (United States)
- Westlake Plastics Company (United States)

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- Sumitomo Chemical to Build Second Polyethersulfone (PESU) Plant in Japan
- UJU Signed an Exclusive Deal with Conventus to Meet Polysulfone Crisis in North America
- Solvay's New Deal with ResMart to Distribute Eight Radel® PPSU Resin Grades
- Solvay's TegraCore™ PPSU Foam Received Airbus Qualification
- Toho Tenax Introduces New Polyethersulfone Impregnated Thermoplastic Textile Prepreg
- New Veradel® HC A-301 PESU for Challenging Healthcare Applications Unveiled by Solvay
- Biorep Technologies Employed Radel® R-5000 PPSU to Enhance its Ricordi Chamber
- Solvay's New Veradel® HC A-301 PESU Used as an Alternative for PEI in ASTi's Sensors
- Introduction of Solvay's Pre-Colored Radel® R-7159 Series Resins for Use in Commercial Aircraft Interiors
- Hankuk Carbon Selected Virantage® PESU Tougheners to Produce Enhanced Thermoset Composite Prepregs
- Medical Illumination Used Solvay's Medical-Grade Polymers in its New MI-750 LED Lighting System
- Solvay Signed a New Licensing Deal with RTP Company to Broaden the Supply of its Radel® R-7000 PPSU Resins to Global Aerospace Market
- Morphix Selected Solvay Radel® PPSU Resins to Replace Metals in its Tattoo Needle Grips
- Sumitomo Chemical Increases the Capacity of Polyethersulfone (PESU) at its Ehime Plant
- Solvay's New Veradel® 3300 SL 30 PESU Launched at the CTI Symposium
- ELITechGroup Selected Solvay’s Radel® PPSU as an Alternative to Transparent PC Resin for Injection Molding Two Redesigned Slide Stainer Carousels
- Solvay Named Infinity LTL an Authorized Color Compounder of Amodel® PPA, Udel® PSU and Xydar® LCP Resins
- Strong Compatibility exhibited by Radel® PPSU based Instrument Trays with STERIZONE® VP4 Sterilizer
- Infinity Joined Forces with LTL to Form Infinity LTL Engineered Compounds
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