+44 20 8123 2220
info@marketpublishers.com

The Global Market for Nanostructured Coatings and Films (Nanocoatings) 2017-2027

https://marketpublishers.com/r/G0A0A3F9B34EN.html
Date: March 2017
Pages: 583
Price: US$ 1,600.00 (Single User License)
ID: G0A0A3F9B34EN

Abstracts

Research and development in nanotechnology and nanomaterials is now translating into tangible consumer products, providing new functionalities and opportunities in industries such as electronics, sporting goods, wearable electronics, textiles, construction etc. A recent example is quantum dot TVs, a multi-billion dollar boon for the High-definition TV market. Countless other opportunities exist for exploiting the exceptional properties of nanomaterials and these will increase as costs come down and production technologies improve.

The incorporation of nanomaterials into thin films, coatings and surfaces leads to new functionalities, completely innovative characteristics and the possibility to achieve multi-functional coatings and smart coatings. The use of nanomaterials also results in performance enhancements in wear, corrosion-wear, fatigue and corrosion resistant coatings. Nanocoatings demonstrate significant enhancement in outdoor durability and vastly improved hardness and flexibility compared to traditional coatings.

The Global Market for Nanostructured Coatings and Films (Nanocoatings) 2017-2027 examines a market that is already providing significant economic, hygiene and environmental benefit for sectors such as consumer electronics, construction, medicine & healthcare, textiles, oil & gas, infrastructure and aviation.

Industries affected include:

Oil and gas

Corrosion and scaling chemical inhibitors.

+44 20 8123 2220
info@marketpublishers.com

Self-healing coatings.

Smart coatings.

Coatings for hydraulic fracturing.

Aerospace & aviation

Shape memory coatings.

Corrosion resistant coatings for aircraft parts.

Thermal protection.

Novel functional coatings for prevention of ice-accretion and insect-contamination.

Renewable energy

Anti-fouling protective coatings for offshore marine structures.

Anti-reflective solar module coatings.

Ice-phobic wind turbines.

Coatings for solar heating and cooling.

Automotive

Anti-fogging nanocoatings and surface treatments.

Improved mar and scratch resistance.

Flexible glass.

Corrosion prevention.

Multi-functional glazing.

+44 20 8123 2220
info@marketpublishers.com

Smart surfaces.

Surface texturing technologies with enhanced gloss.

New decorative and optical films.

Self-healing.

Textiles & Apparel

Sustainable coatings.

High UV protection.

Smart textiles.

Electrically conductive textiles.

Enhanced durability and protection.

Anti-bacterial and self-cleaning.

Water repellent while maintaining breathability..

Medical

Hydrophilic lubricious, hemocompatible, and drug delivery coatings.

Anti-bacterial coatings to prevent bacterial adhesion and biofilm formation.

Hydrophobic and super-hydrophobic coatings.

Lubricant coatings.

Protective implant coatings.

High hardness coatings for medical implants.

Infection control.

+44 20 8123 2220
info@marketpublishers.com

Antimicrobial protection or biocidic activity.

Marine

Anti-fouling and corrosion control coatings systems.

Reduced friction coatings.

Underwater hull coatings.

Buildings

Thermochromic smart windows.

Anti-reflection glazing.

Self-cleaning surfaces.

Passive cooling surfaces.

Air-purifying.

Consumer electronics

Waterproof electronic devices.

Anti-fingerprint touchscreens.

Report contents include:

Global market size for target markets

Addressable markets for Nanostructured Coatings and Films (Nanocoatings), by nanocoatings type and industry

Estimated market revenues for Nanostructured Coatings and Films (Nanocoatings) to 2027, by market and applications

+44 20 8123 2220
info@marketpublishers.com

300 company profiles including products and target markets.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

6 MARKET SEGMENT ANALYSIS, BY COATINGS TYPE

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: The Global Market for Nanostructured Coatings and Films (Nanocoatings) 2017-2027
Product link: https://marketpublishers.com/r/G0A0A3F9B34EN.html
Price: US$ 1,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G0A0A3F9B34EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970