

Cost reduction & innovation drive the growth of plastics in medical devices

Research and Markets has released its new report – 'Medical Devices Market in India 2013'.

According to the report, "The medical devices market is expected to grow at a steady rate in the days to come. Increasing awareness towards healthcare, more budgetary allocation and increase in complex lifestyle disorders is likely to boost the demand of medical devices."

The drivers include improving health infrastructure that has caused the increased demand of medical devices from more number of hospitals/nursing homes, clinics and standalone pathology laboratories. Also, the government is spending more on healthcare needs which is supposed to increase demand of medical devices. As disposable income is increasing

and more people are becoming aware of diseases, spending towards healthcare segment is increasing. Changing demographics (ie as more people reach close to sixty years of age, they are likely to develop heart complications) could also increase the demand for medical devices. According to the report, "In order to maintain the leading edge manufacturers are focussing on cost reduction and innovation. It is in this attempt that they are majorly using plastics in medical devices."

To this, Dr Harindu Vyas, Consultant, Polymer & Plastics Technologist, noted, "The usage of plastics in the medical sector has steadily increased in the last decade. This is because of its excellent properties and user-friendly nature."

Avani Jain

Pipe manufacturers converge at India's first ever multi-product Open House of Rajoo



Over 180 professionals representing 90 plus companies across India were part of the Open House organised by Rajoo and Bausano. At this event, there were live demonstrations of a range of machines that redefine manufacturing of high-performance pipes. The company stated, "As expected, the star performer of the show was the Twin Screw CPVC Pipe Plant running at 130 kg/hr (pipe outer diameter of 28.6 mm; pipe thickness of 2.12 mm). Most visitors have not been an eyewitness to such a spectacle – a working CPVC Pipe Plant that too which started from scratch in just under 5 min with less than 4 kg scrap. Further, Rajoo successfully

showcased its indigenous raw material compound for the CPVC machine. With this, Rajoo became the first Indian company to successfully demonstrate a CPVC pipe machine at an Open House."

Further, the Twin Screw PVC Pipe Plant enthralled the audience when it was being operated at a capacity of 1,000 kg/hr, never before seen in India. The pipe OD was 400 mm and wall thickness was 16.2 mm. With this Open House, Rajoo also marked its strong penetration into the market of drip irrigation pipe plants. The demonstrated line was running at 170 kg/hr with a line speed of 80 mpm, 200 dripper insertions/min, with the wall thickness being 0.7 mm. The success of this pioneering initiative emphasises the company's belief in innovation – be it in product, in technology or, as in this case, in approach.

Avani Jain

ICERP 2013 showcases demanding applications of composites



(L-R) Sushil Shah, Governing Council, FRP Institute; Professor M A Shenoy, ICERP Conference Chairman; Anindya Ghosh, MD, Owens - Corning (India) Pvt Ltd; Subhash Vithaldas, Chairman, FRP Institute; BS Rajpurohit, MD, Chemical Process Equipment; Pradip Thakkar, Chairman, ICERP and Dr Selvam, Executive Secretary, FRP Institute, at the event's inaugural session

An ideal platform for making business contacts with composites raw material manufacturers, composites product manufacturers, machinery manufacturers and suppliers took place as FRP Institute's International Conference and Exhibition on Reinforced Plastics (ICERP) 2013 was held at Bombay Exhibition Centre, Mumbai, on April 4-6, 2013.

ICERP 2013 is the second largest event on composites in Asia and the largest in South Asia. A special display cum showcase of composites products was organised at the event to provide an overview of different applications and the capabilities of the composites industry. An important part of the event was the ICERP-JEC Innovation Award Function, which was jointly organised by FRP Institute and JEC, France, where latest innovations of the industry were acknowledged and rewarded. Urja Products Pvt Ltd, SVS Hydraulics Pvt Ltd, Moldex Composites Pvt Ltd and Rawji Industrial Corporation among others received these prestigious awards.

BS Rajpurohit, MD, Chemical Process Equipment, who was the guest of honour for the event spoke on the inauguration of ICERP 2013. While addressing the industry, he said, "The composites industry has to bring in innovative research in material, processes and product design to become competitive globally." Acknowledging these concerns was Pradip Thakkar, Chairman, ICERP. He appealed to the participants to work towards a common goal of being innovative so as to become globally competitive. "This provides enormous growth opportunities for the existing players as also for the new entrants thereby providing employment in this labour-intensive industry," added Thakkar.

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