



Market Monitoring Newsletter

ARMO'S ROTATIONAL MOLDING NEWSLETTER

jeudi 23 juin 2022

Research & Patents

POLYETHYLENE POWDER, PROCESS FOR ITS PREPARATION AND ITS USE FOR ROTOMOLDING



Polyethylene powder comprising at least one additive having: Melt Flow Index (MFI), measured at 190°C with a load of 2.16 kg in accordance with standard ISO 1133-1 :2011, ranging from 0.1 g/10 minutes to 100 g/10 minutes, preferably ranging from 5 g/10 minutes to 35 g/10 minutes; density ranging from 0.890 g/cm³ to 0.965 g/cm³.

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Study of the influence of the rotational molding process parameters on the aerodynamic characteristics of an axial fan



The thesis objective is to investigate the influence of the rotational molding process parameters in terms of the aerodynamic characteristics of axial fans. The experimental findings reveal significant differences in the aerodynamic efficiency of the fans which are strongly correlated with the mass of polymer powder used in manufacturing. In this study, we used polyethylene (PE). In order to clarify these differentiations, the first method was to ensure the quality control of the geometry of the manufactured part, especially at the level of the blades, by 3D scanning methods. The results

presented that there was little difference in varying the manufacturing parameters. (Translated from French)

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Rotomolding Market News - Europe

Spectacular arrival of a new rotomolding machine at GMI (Groupe Maillard Industrie)



The machine's arrival gave GMI an opportunity to reassert its plastics processing expertise, its 40 years-long experience and its commitment to sustainable development. (French-speaking video)

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SÆPLAST exhibits its hygienic and highly resistant containers



SÆPLAST is a leading company in the development and manufacture of reinforced containers and isothermal polyethylene pallets with double or triple walls, for all sectors of the international food and recycling industry. The robust products produced by rotational moulding have excellent durability, high impact resistance and high isothermal capacity. Their smooth surfaces ensure optimum hygiene and easy cleaning. (Translated from Spanish)

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Paris is starting a major sorting of its street furniture

15/06/2022



It will soon be the end of the most common Parisian trashcan : the oblong and perforated one designed by the architect and designer Jean-Michel Wilmotte in the early 2010s. Be gone huge rotomoulded flower pots, the simpler wooden planters, mobile stainless steel fountains of the Totem type, glass and stainless steel newsstands designed by André Schuch, and even Sanisettes Decaux. (Translated from French)

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