



2016

JANUARY

SPECIAL: mold and tool suppliers' guide

ARTICLES:

Fiber composites technology advances
New expanded plastic films for high demanding markets
Process control: useful process data from the injection molding machine

GUIDES:

► **photovoltaic cells suppliers; rotational molding companies' directory;**

FEBRUARY

ARTICLES:

Shrinkage control in thermoforming process
Waterjet cutting of plastic materials
Precision forecast of metal inserts deformation in injection molding

GUIDES:

► **form, fill and seal/blow fill and seal (FFS/BFS) machines; temperature controllers; corrugated pipes extruders**

MARCH

PREVIEW:

Feimec – Machinery and Equipment International Exhibition (São Paulo/SP, May, 3rd to 7th)

ARTICLES:

Color changing in molds containing hot runner systems
Door pannels with natural fiber content

GUIDES:

► **pick and place (delta) robots; rheometers and viscosimeters**

EXTRA CIRCULATION:

► **Feimec**

APRIL

PREVIEW:

31^a Feira da Mecânica - 31^a Mechanics Trade Fair (São Paulo/SP, May, 17th to 21st)

ARTICLES:

Eco-friendly flame retardants
PU dosing heads for high and low outputs
Polymer surfaces' analytical methods

GUIDES:

► **extrusion companies' directory; pultrusion machines suppliers**

EXTRA CIRCULATION:

► **31^a Feira da Mecânica**



2016

MAY

ARTICLES:

Dry ice as a foaming agent in extrusion process
Lightweight materials based on hybrid compounds (WPC/PET fibers)
Online color measuring in extruded products

GUIDES:

► dosing systems; generator sets; thermoforming companies' directory

JUNE

SPECIAL: Innovation in PET market

ARTICLES:

Increasing efficiency in stretch blow molding
Precise additive dosing in polyolefins
Polyetherimide (PEI) as an additive manufacturing material

GUIDES:

► extruders; plasma surface treatment; colorants, pigments and masterbatches

JULY

SPECIAL: injection molding converters' directory

ARTICLES:

Antimicrobial surfaces from PP compounds containing TiO₂
Composite films integrate lighting and sensing functions
How to obtain lightweight structures by thermoforming, injection and injection-reaction molding

GUIDES:

► laser welding machines

EXTRA CIRCULATION:

► Interplast/Euromold/Pack Brasil (August 16th to 19th, Joinville, SC)

AUGUST

ARTICLES:

PA12 pipes for hydrocarbon transportation
Innovative touchscreen technology using metal mesh plastic films
Sensors inside the mold: quality control of injection molded parts

GUIDES:

► compounds suppliers; hot runner systems; in mold labelling systems (IML); plastic grinders

SEPTEMBER

ARTICLES:

Flexible films applied to bending mechanisms in plastic parts
Direct laser structuring of molded interconnected devices (MID)

GUIDES:

► electric injection molding machines; T-shirt bag machines; additives and fillers



2016

OCTOBER

SPECIAL: 8th Brazilian Plastics Processing Industry Inventory by Plástico Industrial

ARTICLES:

Metal and pearl effect pigments improve packaging design
Plasma treatment improves adhesion of injection molded parts

GUIDES:

► **ultrasound welding machines; 3D scanning systems; plastics recycling companies**

EXTRA CIRCULATION:

► **Feiplar Composites / Feipur-Polyurethane (São Paulo, november 2016)**

NOVEMBER

SPECIAL: blow molding converters' directory

ARTICLES:

Plastics laser welding associated with more flexible production processes
Radial flow: new possibilities of multimaterial extrusion

GUIDES:

► **air bubble film extrusion lines; thermoforming machines**

DECEMBER

SPECIAL: thermoplastic resin buyers' guide

ARTICLES:

Pharmaceutical packaging production
PP/natural fiber sheets thermoforming
Thermal homogenization of extrusion blown films in spiral mandrels

GUIDES:

► **heating elements; resin dryers buyers' guide**