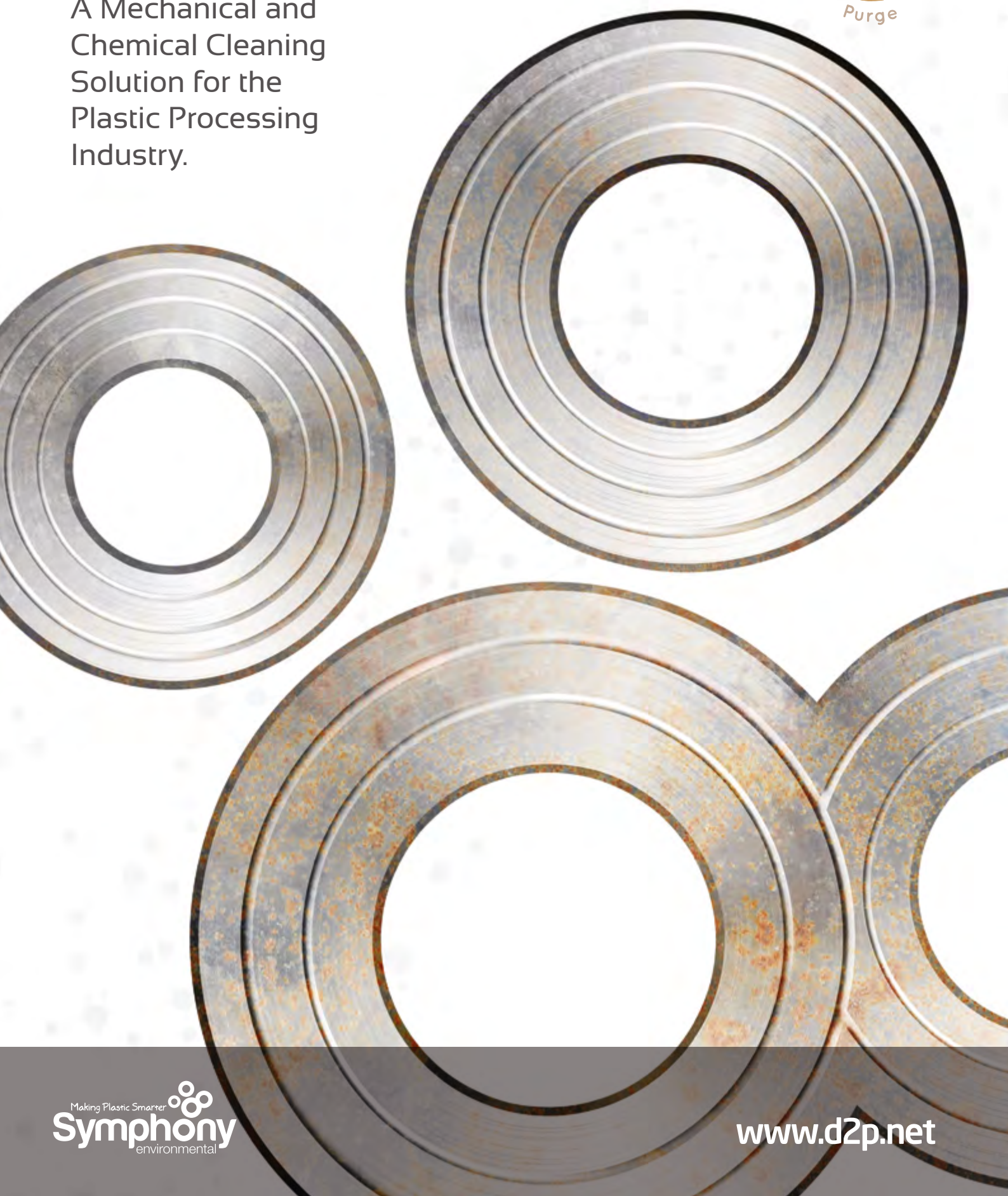


Purge Technology



A Mechanical and
Chemical Cleaning
Solution for the
Plastic Processing
Industry.



Purge Technology

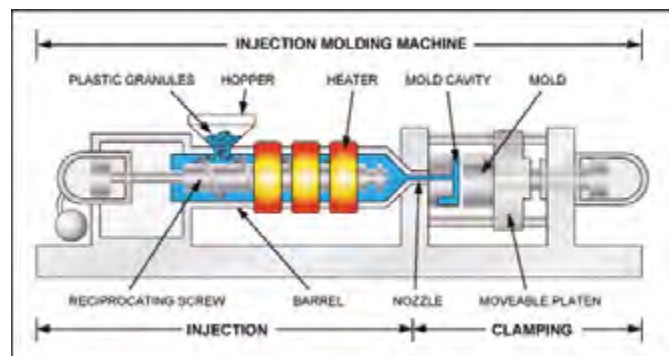


d₂p® PGE purging agent is a chemical/mechanical purging compound which is a preventative maintenance tool used to remove heat-sensitive resins or additives at shutdown or at the start of a changeover to avoid degradation in the early stages, difficult colour changeovers, and challenging resident residue issues.

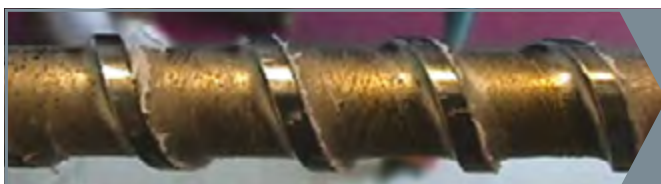
The Facts

- d₂p® Purge formulation is a competitive choice for general purpose purging applications providing quick cleaning, scrubbing, and polishing of injection, extrusion machinery and blow molding equipment.
- There are two types of commercial purging agents, mechanical and chemical.
- Mechanical/physical Purges typically used in injection molding, use abrasive or high-viscosity plastics to scour other materials from screws, barrels and dies. A mechanical purge is a flush, designed to break down and displace residual plastic.
- Chemical purges, by contrast break down the polymer residue chemically in the machine, reducing the molecular weight and viscosity so it can be flushed out easily. Chemical purges require residency time inside the machine to soften and loosen any hard carbon deposits, giving a greater degree of cleaning than mechanical purges. The process requires strict procedures for measuring, blending and soaking.
- Chemical purges contain heat-activated foaming pellets added to the mechanical purge products for cleaning hard-to-reach stagnant flow areas.
- Available in convenient pre-mixed form, concentrates, and custom blends.
- Concentrates can be mixed at your location with your polyolefin resin in a ratio up to 8:1.

Characteristics	Masterbatch Series 95631 (PE), 96532 (PP)
Composition	Chemical Compound
Appearance	Natural Pellet
Mechanism	Active substance finely dispersed in a polymeric matrix
Applications	Burnt material, colour pigments, and deposited material on the screws, barrels, nozzles or hot runners or extrusion heads etc
Addition Rate	7-15% mixed with resin
Odour	No odour
Stability	Barrel - 190-210°C, Die - 210-220°C
Storage	Masterbatch should be stored in cool, dry conditions away from sources of UV light. Has a shelf life of 18 months from date of supply



Before Purging



After purging with ASACLEAN



Disclaimer: The information provided is general information. For specific applications, please consult our Technical Department. It is the customer's responsibility to obtain regulatory approval for the intended purpose in the country or countries concerned.





 @Symphony Environmental



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