POST CONSUMER RESIN (PCR)

Ensuring a Sustainable Future

MRP MOLD-RITE PLASTICS®
Innovative • Reliable • Responsive

What is PCR?

Post consumer resin (PCR) is the recycled product of discarded packaging. Plastic materials are gathered and sent through a proprietary process to produce plastic resin pellets.

Why use PCR?

Consumers and brand owners alike are becoming increasingly aware of the impact they can have in preserving the environment. As a result, products that offer more sustainable packaging, including those made with PCR, are viewed more favorably among consumers and brands.

Does MRP offer PCR?

PCR molding trials were completed on several MRP product lines including disc tops, large diameter CRC's and Flappers as well as jars. Positive results from this testing have lead MRP to begin the process of adding PCR to our resin offerings.

What markets are best suited for PCR?

PCR is especially suitable for customers/markets with a strong pursuit of sustainable options and a resolute sustainability platform, particularly personal care, household chemicals and Cannabis. Letters of Non-Objection or FDA Approval are available upon request through certain suppliers.

How does PCR's appearance differ from other resins?

Color – currently only grey and black are available in PCR. Testing will need to be performed to achieve custom colors blended with PCR. Black is preferred.

Aesthetics – while the quality of supply has improved dramatically, PCR will not produce perfectly crisp looking colors and packages. Customers seeking a flawless look should strongly consider if PCR is suitable for them. However, those who embrace the the appearance variations that can be produced with PCR can use this as a selling advantage.

How much PCR can be included in a product?

MRP molding trials compared varying amounts of PCR from 25 to 100%. When selecting PCR for a packaging project, varying amounts should be tested to determine the best blend for your packaging project.

What are the benefits of PCR?

Utilizing PCR has the potential to keep billions of tons of plastic out of landfills. Reusing resin as PCR does not require further depletion of new fossil fuels. Post-consumer plastics such as PET and HDPE PCR have already been processed from a fossil fuel to plastic. Additionally, utilizing PCR has the potential to reduce greenhouse emissions by nearly 60%.

For more information or to order product samples, contact Mold-Rite:
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