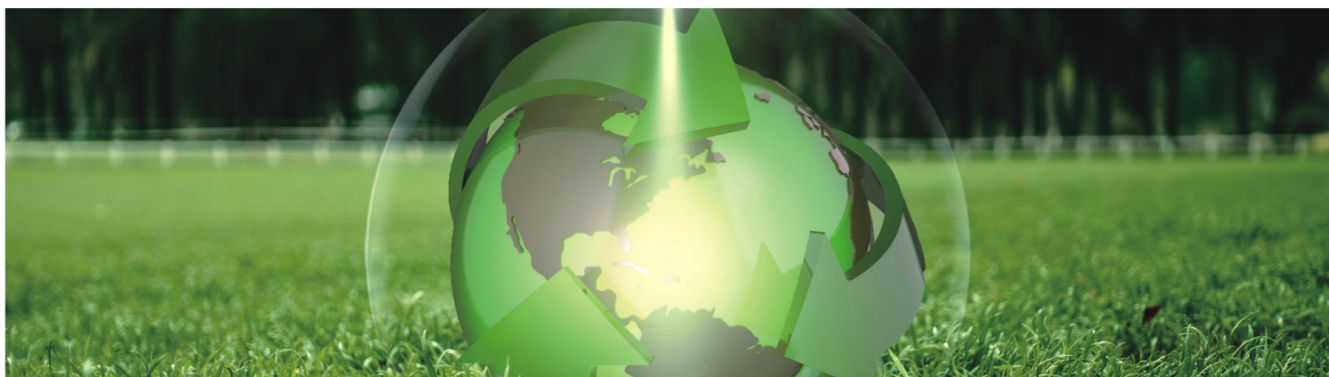


循环再生聚碳酸酯 (rPC)



随着可持续发展目标的不断推进，全球主要经济体及相关行业纷纷掀起减碳热潮。

万华化学大力布局低碳环保产品链，推出绿色环保品牌Waneco®，覆盖消费后回收、生物降解和生物基材料，助力可持续发展目标。

WANECO®：构建低碳循环世界



- 以化学科技改变未来
- 实现人与自然的和谐共处
- 助力材料再生和循环经济

万华化学作为具有全产业链优势的聚碳酸酯生产商，联合价值链合作伙伴，实现新料生产—水桶加工—旧桶回收—破碎、清洗、造粒再生全流程协作，开启聚碳酸酯饮水桶的循环再生之旅。



- 循环利用，延长产品生命周期
- 建立质量管理体系，全回收链条可追溯
- 上下游一体化，产品质量及供应稳定可控
- 已通过UL2809认证

与非再生PC材料相比，产品中添加30%以上的Waneco® R1050材料，可降低15%以上的CO₂排放。同时，材料还凭借优异的熔体强度、抗冲击、耐高温等性能，更好地满足客户的定制化需求。

产品

WANECO® R1050			
检测项目	单位	方法	指标
熔指	g/10min	ASTM D1238	7
拉伸断裂强度	MPa	ASTM D638	≥55
弯曲模量	MPa	ASTM D790	≥2100
缺口冲击强度	J/m	ASTM D256	≥700

万华化学集团股份有限公司 高性能聚合物事业部

地址：山东省烟台市开发区三亚路3号

邮箱：pcservice@whchem.com

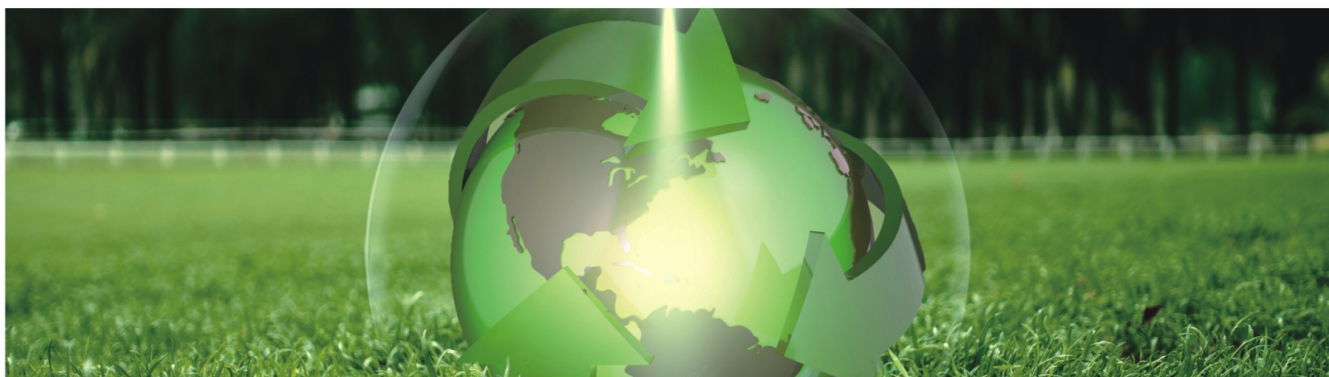
电话：400-960-0309 转 8

网址：www.whchem.com



本资料所给出的指标、数据乃基于我们现有的技术知识水平和实践经验，仅供参考。具体保证指标以质量证明书或供货合同规定为准。用户对于所购买我公司的产品有责任进行试验，以验证是否适合各自所拟定的工艺和用途，并达到预定的目的。对我公司产品的进一步应用和加工均非我公司所能控制，因此，我们对所提供的产品的责任范围只限于我方交付且为贵方所使用的部分。而不承担在采用我公司产品为原料进行生产过程中而造成的间接损失。我公司市场部技术支持与客户服务中心愿为您提供有关产品的咨询与应用技术服务，欢迎来函来电联系。

Recycled Polycarbonate (rPC)



The major economies and relevant industries have lifted a wave of carbon reduction across the world with the continuous advancement of the sustainable development goal. Wanhua Chemical vigorously lays out a low-carbon environmental protection product chain and launches a green environmental protection brand Waneco®, which covers the post-consumer recycled, biodegradation and bio-based materials to contribute to the sustainable development goal.

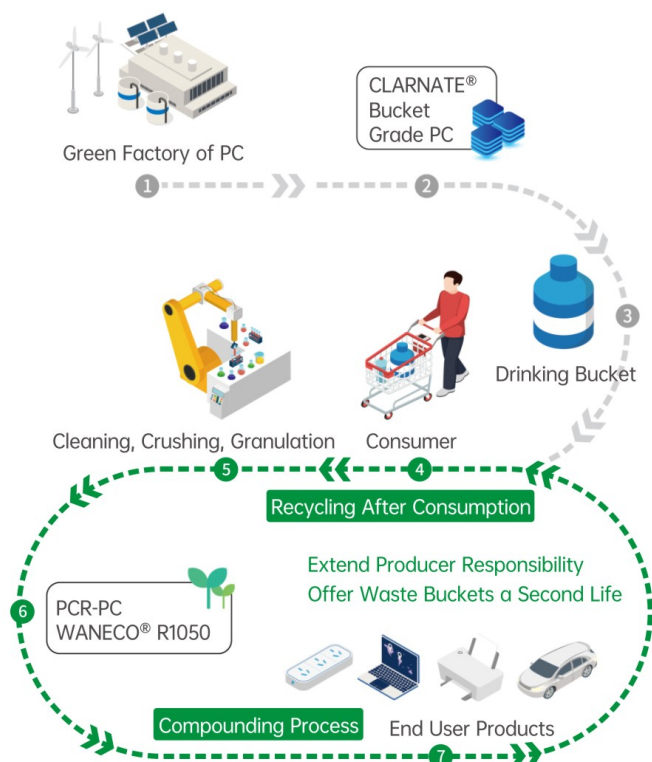


WANECO®:

Build a low-carbon circular world

- Change the future with chemical technology
- Achieve the harmonious coexistence of man and nature
- Assist the material regeneration and circular economy

Wanhua Chemical working as a PC producer with the advantages of the whole industry chain, cooperates with the value chain partners to achieve the entire process of new material production, bucket processing, old barrel recycling, crushing, cleaning, granulation and regeneration, starting to open the cycle and regeneration journey of PC drinking buckets.



- Recycling to Extend the Product Life Cycle
- Establish a Quality Management System, the complete recycling chain can be traced
- Upstream and downstream integration, the product quality and supply are stable and controllable
- Have UL2809 certified

The addition of more than 30% Of Waneco® R1050 materials to the product can reduce CO₂ emissions by more than 15% compared with non-renewable PC materials. Simultaneously, the material also relies on excellent melt strength, resistance to impact, temperature resistance and other properties to better satisfy the customized requirements of clients.

Product

WANECO® R1050			
Testing Items	Unit	Method	Index
Melt Flow Rate	g/10min	ASTM D1238	7
Tensile Fracture Strength	MPa	ASTM D638	≥55
Flexural Modulus	MPa	ASTM D790	≥2100
Izod Notched Impact Strength	J/m	ASTM D256	≥700

Wanhua Chemical Group Co.,Ltd. Performance Polymers Business Unit

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The information provided here is for reference only, and the specification will be provided in the sales contract. It is the user's responsibility to test the material and its suitability for the processing. It is out of company's control of various factors of the processing and applications of our product, and we can not take any responsibility for another party's action, nor will we be responsible for any indirect damages while using our products. The user is welcome to contact our customer service center with questions on our products.