



Clyrell RC6049

Developmental Grade - Polypropylene terpolymer skin layer resin

Features

- Low sealing temperature
- Good optical properties
- Good stiffness/impact balance
- Contains anti-blocking agent

Typical applications

- Skin layer of co-extruded CPP and BOPP films

PP Resin Properties (a)	Value	ASTM METHOD(b)
Melt flow rate (230°C / 2.16 kg), dg/min	7.0	D1238
Density, g/cm ³	0.90	D792B
Tensile strength at yield, MPa	25	D638
Elongation at yield, %	13	D638
Flexural modulus, MPa	850	D790A
Notched izod impact strength at 23°C, J/m	47	D256A
Deflection temperature, at 455 kPa, °C	80	D648

Note: This information has been compiled during the course of product development. All properties are subject to change before commercialization.

(a) Values shown are averages and are not to be considered as specifications.

(b) ASTM test methods are the latest under the Society's current procedures. All molded specimens are prepared by injection molding.

Note: Due to the fact that different regulations in each country set different details of compliance, users of *Clyrell* RC6034 are recommended to undertake their own investigation of the requirements and comply with each regulation set forth, for instance, in applicable local F&DA requirements. Ultimately the users must make their own determination that their use of *Clyrell* RC6034 is safe, lawful and technically suitable in their intended applications.

Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

Clyrell is a trademark of LyondellBasell Industries
HMC Polymers is certified according to ISO 9001 and 14001
Issued 03-April-14

The purpose of this document is only for technical support of the use of the product.

Before using a HMC Polymers product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the HMC Polymers product safely and legally. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. In addition, no immunity under HMC Polymers', LyondellBasell's or third parties' intellectual property rights shall be implied from this document. No one is authorized to make any warranties, issue any immunities or assume any liabilities on behalf of HMC Polymers except in a writing signed by an authorized HMC Polymers employee. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at HMC Polymers' option, and in no event shall HMC Polymers be liable for special, consequential, incidental, punitive or exemplary damages.

HMC Polymers Co., Ltd
20/F, Sathorn City Tower, 175 South Sathorn Road,
Thungmahamek, Sathorn, Bangkok 10120, Thailand
Tel +66 2614 3700 Fax +66 2679 6380
www.hmcpolymers.com



is authorized to make any warranties, issue any immunities or assume any liabilities on behalf of HMC Polymers except in a writing signed by an authorized HMC Polymers employee. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at HMC Polymers' option, and in no event shall HMC Polymers be liable for special, consequential, incidental, punitive or exemplary damages.

