

Clyrell RC1890

Polypropylene Copolymer

LyondellBasell Industries

Message:

Clyrell RC1890 is a specially designed propylene copolymer for manufacturing of cast, blown and oriented films.
Clyrell RC1890 contains no slip or antiblock agents.
For regulatory information please refer to Clyrell RC1890 Product Stewardship Bulletin (PSB).

| General Information | | | |
|-------------------------------------------|---------------|-------------------|--------------|
| Features | Copolymer | | |
| Uses | Cast Film | | |
| | Film | | |
| | Oriented Film | | |
| Processing Method | Blown Film | | |
| | Cast Film | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 1.7 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 500 | MPa | ISO 527-2/1 |
| Tensile Stress (Yield) | 18.0 | MPa | ISO 527-2/50 |
| Tensile Strain | | | ISO 527-2/50 |
| Yield | 16 | % | |
| Break | 540 | % | |
| Films | Nominal Value | Unit | Test Method |
| Tensile Strength - MD | | | ASTM D882 |
| Yield | 18.0 | MPa | |
| Break | 40.0 | MPa | |
| Tensile Elongation - MD (Break) | 730 | % | ASTM D882 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | 65 | kJ/m ² | ISO 179/1eA |
| Optical | Nominal Value | Unit | Test Method |
| Gloss (45°, 50.0 µm, Cast Film) | 88 | | ASTM D2457 |
| Haze (50.0 µm, Cast Film) | < 1.0 | % | ASTM D1003 |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

