

Clyrell RC1908

Polypropylene Copolymer

LyondellBasell Industries

Message:

Clyrell RC1908 is a specially designed propylene copolymer for manufacturing of films.
Clyrell RC1908 contains anti-block agent.
For regulatory information please refer to Clyrell RC1908 Product Stewardship Bulletin (PSB).

| General Information | | | |
|---|------------------------------|-------------------|--------------|
| Additive | Antiblock | | |
| Features | Antiblocking | | |
| | Copolymer | | |
| Uses | Bags | | |
| | Film | | |
| | Food Packaging | | |
| | Pouches - Flexible Packaging | | |
| Forms | Pellets | | |
| Processing Method | 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) | 7.0 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 450 | MPa | ISO 527-2/1 |
| Tensile Stress (Yield) | 17.0 | MPa | ISO 527-2/50 |
| Tensile Strain | | | ISO 527-2/50 |
| Yield | 16 | % | |
| Break | 680 | % | |
| 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 |
| Seal Initiation Temperature | 113 | °C | |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | 12 | kJ/m ² | ISO 179 |
| 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 |

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