

Clyrell RC210L

PP Random Copolymer designed for high-barrier metallized BOPP film applications

Clyrell RC210L is a Polypropylene Random Copolymer designed for metallizable skin layers in BOPP film structures. The grade is developed to support high barrier performance in metallized films while maintaining stable processing during film production.

Clyrell RC210L does not contain slip or anti-block additives and is free from calcium stearate, making it suitable for metallizing applications requiring strong metal adhesion and surface stability.



KEY FEATURES

- Good metallizing performance
- Good barrier performance for metallized films – it can be enhanced further using Adstif in core layer
- Good dyne retention on metallized films
- Good processing performance
- Higher melting point of 145 °C- Good candidate for extrusion lamination

Properties	Test Method	Clyrell RC210L
Melt flow rate (230°C / 2.16 kg), g/10min	D1238	5.5
Density, g/cm ³	D792B	0.90
Tensile strength at yield, MPa	D638	29
Elongation at yield, %	D638	12
Flexural modulus, MPa	D790A	1050
Notched izod impact strength at 23°C, J/m	D256A	48
Deflection temperature, at 455 kPa, °C	D648	87

TARGET APPLICATIONS

- Skin layer of co-extruded BOPP film
- Metallized film

FOR MORE INFORMATION

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