



## Clyrell RC1890

### Polypropylene, Specialty Products

#### Product Description

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).

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO ASTM
<b>Availability</b>	Europe
<b>Processing Methods</b>	Blown Film, BOPP, Cast Film
<b>Typical Customer Applications</b>	Film, Food Packaging Film, Shrink Film, Stationery Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.900	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	1.7	g/10 min
<b>Mechanical</b>			
Tensile Modulus (1 mm/min)	ISO 527-1, -2	500	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18.0	MPa
Tensile Strain at Break (50 mm/min)	ISO 527-1, -2	540	%
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	16	%
<b>Impact</b>			
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	65	kJ/m <sup>2</sup>
		3.9	

#### Additional Properties

Typical film properties of laboratory casting line: Gloss 45°, ASTM D 2457, 50 µm: 88 Haze, ASTM D 1003, 50 µm: <1%

#### Notes

Typical properties; not to be construed as specifications.