



## 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

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	Europe
Processing Methods	Blown Film, BOPP, Cast Film
Typical Customer Applications	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 3.9	kJ/m <sup>2</sup>

#### 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.