

Technical Data Sheet

*Clyrell* RC6049



Polypropylene, Specialty Products

**Product Description**

*Clyrell* RC6049 is a polypropylene terpolymer containing anti-blocking agent, with low seaming temperature, good optical properties, and good stiffness impact balance. Typical customer applications are for skin layer of coextruded CPP, BOPP films.

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Food Packaging Film; Lamination Film
<b>Market</b>	Flexible Packaging
<b>Processing Method</b>	BOPP; Cast Film; Double Bubble
<b>Attribute</b>	Medium Temperature Heat Sealability; Superior Optical Properties

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	7	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	850	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	47	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	80	°C	ASTM D648