

Technical Data Sheet

Clyrell RC221M



Polypropylene, Specialty Products

Product Description

Clyrell RC221M is a polypropylene terpolymer, with low seaming temperature, good optical properties, and good stiffness impact balance. Typical customer applications are for skin layer of coextruded CPP, BOPP films.

Application	Food Packaging Film; Lamination Film
Market	Flexible Packaging
Processing Method	BOPP; Cast Film; Double Bubble
Attribute	Medium Temperature Heat Sealability; Superior Optical Properties

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