

Clyrell RC354N

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Clyrell RC354N is a random copolymer suitable for extrusion applications. It is formulated with an anti-gasfading stabilisation package. Clyrell RC354N is designed for the production of fine denier staple fibres with enhanced softness. It is used either pure or in blend with PP homopolymer. Typical application is thermal-bonded nonwovens. For regulatory information please refer to Moplen RC354N Product Stewardship Bulletin (PSB).

General Information			
Additive	Anti-gas fading		
Features	Gas-fading Resistant		
	Random Copolymer		
	Soft		
Uses	Blending		
	Nonwovens		
	Staple Fibers		
	Yarn		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1000	MPa	ISO 527-2
Tensile Stress (Yield)	27.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	10	%	
Break	> 50	%	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	68.0	°C	ISO 75-2/B
Vicat Softening Temperature			
--	129	°C	ISO 306/A50
--	68.0	°C	ISO 306/B50
Melting Temperature	141	°C	ISO 3146

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