

# MAJORIS CN020 - 1530

Polypropylene Homopolymer

AD majoris

Message:

CN020 - 1530 is a homopolymer film resin suitable for the manufacturing of biaxially oriented PP film (BOPP) on stenter frame and double bubble film process. CN020 - 1530 contain antistatic additives. The product is available in white (CN020 - 1530) but other colours can be supplied on request.

CN020 - 1530 is characterised by:

Excellent processability on all processes

Excellent opticals: high gloos, low haze

High moisture and oxygen barrier

Resistance to oil and fat

High temperature resistance

Good mechanical properties

APPLICATIONS

CN020 - 1530 is suitable for a wide range of applications including:

Coextruded film for snack packaging

Injection moulding

Print lamination

Metallisable film

Coated film

Packages for bakery products

Flower packaging

General Information	
Additive	Antistatic
Features	Antistatic
	Food Contact Acceptable
	Good Processability
	High Gloss
	High Heat Resistance
	Homopolymer
	Moisture Barrier
	Oil Resistant
	Opticals
	Oxygen Barrier
	Recyclable Material
Uses	Bi-axially Oriented Film
	Film
	Food Packaging
	Laminates
	Packaging
Appearance	Colors Available
	White

Forms	Pellets		
Processing Method	Bi-axially Oriented Film		
	Coextrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900 to 0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	4.5	g/10 min	
230°C/2.16 kg	3.5	g/10 min	
230°C/5.0 kg	15	g/10 min	
Molding Shrinkage	1.0 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	83		ISO 2039-2
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3
MD	2000 to 2200	MPa	
TD	3300 to 3500	MPa	
Tensile Strength			ISO 527-3
MD	130 to 160	MPa	
TD	230 to 280	MPa	
Tensile Elongation			ISO 527-3
MD : Break	150 to 200	%	
TD : Break	50 to 90	%	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	73.0	°C	ISO 75-2/B
Melting Temperature (DSC)	161 to 165	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	> 100		ASTM D2457
Haze	< 1.0	%	ASTM D1003
Additional Information	Nominal Value	Unit	
Isotactic Index	96	%	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	10.0 to 30.0	°C	
Injection Rate	Fast		
Holding Pressure	20.0 to 50.0	MPa	

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