

PRIMALENE WPP411C

Polypropylene Random Copolymer

Southern Polymer, Inc.

Message:

A low melt flow random clarified copolymer polypropylene

Applications:

Blow molding

Containers

Injection molded caps and closures

Rigid profiles and sheet

Features:

Contact clarity

See-through clarity

Low temperature toughness

Good colorability

General Information			
Features	Contact Clarity		
	Good Colorability		
	High Clarity		
	Low Temperature Toughness		
	Random Copolymer		
Uses	Blow Molding Applications		
	Caps		
	Closures		
	Containers		
	Profiles		
	Sheet		
Processing Method	Blow Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ²	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	270	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	79.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	9.0	%	ASTM D1003
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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