

PRIMALENE WPP431C

Polypropylene Random Copolymer

Southern Polymer, Inc.

Message:

An 11 melt flow random clarified copolymer polypropylene

Applications:

Cap and closures

Clear containers

Features:

High clarity

Good moldability and high rigidity

Good impact resistance

Contact clarity

General Information			
Features	Contact Clarity		
	Good Impact Resistance		
	Good Moldability		
	High Clarity		
	High Rigidity		
	Random Copolymer		
Uses	Caps		
	Closures		
	Containers		
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)	11	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	77		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	30.3	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ²	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	10	%	ASTM D1003

NOTE

- | | |
|----|------------|
| 1. | 51 mm/min |
| 2. | 1.3 mm/min |

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