

PRIMALENE WPP351

Polypropylene Impact Copolymer

Southern Polymer, Inc.

Message:

A 25 melt high impact copolymer polypropylene

Applications:

Toys

Housewares

Compounding

Features:

High gloss

Low temperature impact resistance

Good processability

Good stiffness

General Information			
Features	Good Processability		
	Good Stiffness		
	High Gloss		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Household Goods		
	Toys		
Processing Method	Compounding		
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)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.8	MPa	ASTM D638
Tensile Elongation (Yield)	6.6	%	ASTM D638
Flexural Modulus - 1% Secant ²	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	60.0	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	86		ASTM D523
NOTE			
1.	51 mm/min		

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