

# POLYPRO® SB9230

Polypropylene Copolymer

YUHW A Korea Petrochemical Ind. Co., Ltd.

Message:

POLYPRO® SB9230 is a Polypropylene Copolymer (PP Copolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of POLYPRO® SB9230 are:

Flame Rated

RoHS Compliant

Copolymer

High Flow

High Gloss

Typical applications include:

Automotive

Food Contact Applications

General Information			
Features	Block Copolymer		
	Good Impact Resistance		
	High Flow		
	High Gloss		
	High Stiffness		
Uses	Automotive Applications		
	Automotive Interior Trim		
Agency Ratings	FDA Food Contact, Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4 to 1.8	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Break)	> 200	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	29	J/m	

25°C	98	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	131	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525
Peak Melting Temperature	167	°C	ASTM D3418
Flammability	Nominal Value		Test Method
Flame Rating (All Colors)	HB		UL 94

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#### Recommended distributors for this material

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