

POLYPRO® SB9430

Polypropylene Copolymer

YUHWHA Korea Petrochemical Ind. Co., Ltd.

Message:

POLYPRO® SB9430 is a Polypropylene Copolymer (PP Copolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of POLYPRO® SB9430 are:

Flame Rated

Copolymer

High Flow

Impact Resistant

Typical applications include:

Additive/Masterbatch

Appliances

Automotive

Food Contact Applications

General Information			
Features	Block Copolymer High Flow High Impact Resistance		
Uses	Appliances Automotive Applications Compounding		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	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)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	> 200	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	37	J/m	
25°C	130	J/m	
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed)	127	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525
Peak Melting Temperature	165	°C	ASTM D3418
Flammability	Nominal Value		Test Method
Flame Rating (All Colors)	HB		UL 94

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