

**YUHWHA POLYPRO SB9108**

PP

Korea Petrochemical Ind. Co., Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	29.4	MPa	ASTM D 638
Elongation at Break	200	%	ASTM D 638
Flexural Modulus	1472	MPa	ASTM D 790
Rockwell Hardness	R 97	-	ASTM D 785
Izod Impact notched, 1/8 in	98	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	29	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Melting Temperature	168	°C	ASTM D 3418
Vicat Temperature	152	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	910	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Asia Pacific