

## SABIC Innovative Plastics Valox® AB9530 ABS+PBT (Asia Pacific)

Category : Polymer , Thermoplastic , ABS Polymer , ABS/Polyester Alloy , Polyester, TP , Polybutylene Terephthalate (PBT)

### Material Notes:

This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-Valox-AB9530-ABSPBT-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Valox-AB9530-ABSPBT-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.58 g/cc	1.58 g/cc	ASTM D 792
Water Absorption	0.060 %	0.060 %	ASTM D 570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	117 MPa	17000 psi	SABIC - Japan Method
Elongation at Break	5.0 %	5.0 %	SABIC - Japan Method
Flexural Strength	151 MPa	21900 psi	ASTM D 790
Flexural Modulus	8.23 GPa	1190 ksi	ASTM D 790
Izod Impact, Notched	0.780 J/cm	1.46 ft-lb/in	ASTM D 256
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
CTE, linear	30.0 Åµm/m-Å°C	16.7 Åµin/in-Å°F	TMA
	@Temperature -30.0 - 30.0 Å°C	@Temperature -22.0 - 86.0 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	190 Å°C	374 Å°F	unannealed; ASTM D 648
	@Thickness 3.20 mm	@Thickness 0.126 in	
Flammability, UL94	V-0	V-0	UL 94
	@Thickness 0.750 mm	@Thickness 0.0295 in	
	5VA	5VA	UL 94
	@Thickness 2.00 mm	@Thickness 0.0787 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+16 ohm	1.00e+16 ohm	ASTM D 257
Dielectric Constant	3.8 @Frequency 50.0 - 60.0 Hz	3.8 @Frequency 50.0 - 60.0 Hz	ASTM D 150

## Contact Songhan Plastic Technology Co.,Ltd.

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