

# VALOX™ RESIN K4560

REGION ASIA

## DESCRIPTION

30% glass reinforced PBT. Impact modified, high flow, hydrolytically stable.

## TYPICAL PROPERTY VALUES

Revision 20170913

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Tensile Stress, yield	106	MPa	SABIC - Japan Method
Tensile Strain, break	4 – 4	%	SABIC - Japan Method
Flexural Stress	174	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, notched, 23°C	96	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 0.45 MPa, 3.2 mm, unannealed	200	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	220	°C	ASTM D 648
<b>PHYSICAL</b>			
Specific Gravity	1.5	-	ASTM D 792
Mold Shrinkage, flow, 3.2 mm (5)	0.6 – 0.8	%	SABIC method
Mold Shrinkage, flow, 6.4 mm (5)	1 – 1.2	%	SABIC method
<b>MECHANICAL PROPERTIES</b>			
Flexural modulus	6200	MPa	ISO 178/1A

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