VALOX™ RESIN K4530

REGION ASIA

DESCRIPTION

15% glass reinforced PBT, Hydrolytically stable, High flow, Automotive connectors.

TYPICAL PROPERTY VALUES

Revision 20190717

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	103	MPa	SABIC - Japan Method
Tensile Strain, break	4 – 4	%	SABIC - Japan Method
Flexural Stress	151	MPa	ASTM D 790
Flexural Modulus	4630	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	58	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	194	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	218	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.41	-	ASTM D 792
Mold Shrinkage, flow, 3.2 mm	0.7 – 0.9	%	SABIC method
Mold Shrinkage, flow, 6.4 mm	1 – 1.2	%	SABIC method

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