

Kinta AG15A1

Acrylonitrile Butadiene Styrene
Kinta Technology (Hong Kong) Co., Ltd.

Message:

Kinta AG15A1 is an acrylonitrile butadiene styrene (ABS) product. It is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238, ISO 1133
200°C/10.0 kg	17	g/10 min	ASTM D1238, ISO 1133
200°C/5.0 kg	1.6	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
Class R, 23°C	110		ASTM D785
R scale, 23°C	110		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	50.0	MPa	ASTM D638, ISO 527-2
Flexural Modulus (23°C)	2650	MPa	ASTM D790, ISO 178
Flexural Strength (23°C)	83.4	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 6.35 mm)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	89.0	°C	ASTM D648, ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (1.6 mm)	HB		UL 94

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