

**TEST REPORT**
**6063 T5 Aluminum Extrusion Profile (Powder Coating)**

Test Standard: GB5237.1-2004 GB5237.4-2004 GB/T3190-1996

Test Standard	Test Item	Unit	Standard Value	Test Value	Conclusion
GB/T3190-1996	Si	%	0.2~0.6	0.39	Accord with
	Mn	%	≤0.10	<0.01	Accord with
	Cr	%	≤0.10	<0.01	Accord with
	Cu	%	≤0.10	<0.01	Accord with
	Zn	%	≤0.10	0.012	Accord with
	Fe	%	≤0.35	0.15	Accord with
	Mg	%	0.45~0.9	0.58	Accord with
	Ti	%	≤0.10	<0.01	Accord with
GB5237.1-2004	R <sub>m</sub>	MPa	≥160	215	Accord with
	R <sub>P0.2</sub>	MPa	≥110	195	Accord with
	A <sub>50</sub>	%	≥8	9.5	Accord with
GB5237.4-2004	Coating Adhesive	Grade	0	0	Accord with
	Coating MAX. Partial Thickness	μm	≤120	70	Accord with
	Coating MIN. Partial Thickness	μm	≥40	61	Accord with
	Indentation Hardness		≥80	95	Accord with
	Alkali&Acid Resistance	No obvious change			Accord with
	Boiling Water Resistance	No defect as air bubble, wrinkle, water fleck or falling off			Accord with
	Size Deviation	Not exceed standard value			Accord with
	Appearance Quality	No defect as crack, wrinkle, corrosion or air bubble.			Accord with

**LIABILITY DISCLAIMER:**

The above data are to our knowledge correct and are intended to give information about our products. No warranty is given or implied in respect of certain properties of the products or their suitability for a particular application.

We reserve the right for technical changed without further notice. We guarantee impeccable product quality under our terms of sales,