

## Color Coated Steel Mechanical Properties

Standard	Grade (Basic Steel Material)		Yield Strength	Tensile Strength	Elongation
	Zinc Coating	aluminum and zinc Coating	ReL/Mpa	Rm/Mpa	A80mm/%
For Cold Forming GB Standard	TDX51D+Z	TDX51D+AZ		270~500	≥22
	TDX52D+Z	TDX52D+AZ	140~300	270~420	≥26
	TDX53D+Z	TDX53D+AZ	140~260	270~380	≥30
	TDX54D+Z	TDX54D+AZ	120~220	260~350	≥36
For Structure AISI Standard			ReH/Mpa	Rm/Mpa	A80mm/%
	TS220GD+Z	TS220GD+AZ	≥220	≥300	≥20
	TS250GD+Z	TS250GD+AZ	≥250	≥330	≥19
	TS280GD+Z	TS280GD+AZ	≥280	≥360	≥18
		TS300GD+AZ	≥300	≥380	≥17
	TS320GD+Z	TS320GD+AZ	≥320	≥390	≥17
	TS350GD+Z	TS350GD+AZ	≥350	≥420	≥16
	TS550GD+Z	TS550GD+AZ	≥550	≥560	
For Cold Forming JIS Standard			ReL/Mpa	Rm/Mpa	A50mm/%
	CGCC	CGLCC	≥205	≥270	
	CGCD1	CGLCD		≥270	≥36
	CGCD2			≥270	≥38
	CGCD3	CGLCDD		≥270	≥40
For Structure JIS Standard JIS Standard	CGC340	CGLC340	≥245	≥340	≥20
	CGC400	CGLC400	≥295	≥400	≥18
	CGC440	CGLC440	≥335	≥440	≥18
	CGC490	CGLC490	≥365	≥490	≥16
	CGC570	CGLC570	≥560	≥570	