

Brass - Mill Specifications

Type	Alloy No.	Symbol	Chemical Composition				Features & Application
		Plate - P Ribbon - R	Cu	Fe	Pb	Zn	
BS	C2600	C2600P C2600R	68.5 - 71.5	<0.05	<0.05	Remainder	Features: Good elongation; can be pressed and processed well; can be electroplated well. Application: Electrical equipment, ornaments, terminals, radiators for cars, components of camera, handicraft articles, thermo bottles, etc.
	C2680	C2680P C2680R	64.0 - 68.0	<0.05	<0.05	Remainder	
	C2801	C2801P C2801R	59.0 - 62.0	<0.07	<0.10	Remainder	
	Others	-	-				

Alloy No.	Quality Grade	Symbol	Mechanical Properties			
		Plate Ribbon	Tensile Strength (kgf/mm ²)	Elongation	Hardness Test	
					JIS Standard	Mill
C2600	O	C2600P-O C2600R-O	>28	>40	—	<90
	1/4H	C2600P-1/4H C2600R-1/4H	33 - 42	>35	75 - 125	90 - 110
	1/2H	C2600P-1/2H C2600R-1/2H	36 - 45	>28	85 - 145	110 - 135
	3/4H	C2600P-3/4H C2600R-3/4H	40 - 48	>15	—	130 - 145
	H	C2600P-H C2600R-H	42 - 55	—	105 - 175	140 - 160
	EH	C2600P-EH C2600R-EH	>53	—	>145	>160
	SH	C2600P-SH C2600R-SH	>60	—	—	>180
C2680	O	C2680P-O C2680R-O	>28	>40	—	<90
	1/4H	C2680P-1/4H C2680R-1/4H	33 - 42	>35	75 - 125	90 - 110
	1/2H	C2680P-1/2H C2680R-1/2H	36 - 45	>28	85 - 145	110 - 135
	3/4H	C2680P-3/4H C2680R-3/4H	40 - 48	>15	—	130 - 145
	H	C2680P-H C2680R-H	42 - 55	—	105 - 175	140 - 160
	EH	C2680P-EH C2680R-EH	>53	—	>145	>160
	SH	C2680P-SH C2680R-SH	>60	—	—	>180
C2801	O	C2801P-O C2801R-O	>33	>35	—	<100
	1/4H	C2801P-1/4H C2801R-1/4H	36 - 45	>25	85 - 145	90 - 115
	1/2H	C2801P-1/2H C2801R-1/2H	42 - 50	>15	105 - 160	110 - 140
	3/4H	C2801P-3/4H C2801R-3/4H	40 - 50	>10	—	120 - 150
	H	C2801P-H C2801R-H	>48	—	>130	>140
	EH	C2801P-EH C2801R-EH	>55	—	—	>160