

Besfond - Caratteristiche Tecniche Materiali

Name	Mechanical properties	Casting's average thickness in mm			
		3.5-7.5	7.5-15.0	15-30	30-50
G15	Tensile strength (N/mm ²)	210	150	130	-
	Hardness (HB)	225	185	165	-
G20	Tensile strength (N/mm ²)	260	200	150	120
	Hardness (HB)	235	205	175	155
G25	Tensile strength (N/mm ²)	310	250	210	160
	Hardness (HB)	250	220	195	180
G30	Tensile strength (N/mm ²)	-	300	270	210
	Hardness (HB)	-	235	215	205
G35	Tensile strength (N/mm ²)	-	350	320	270
	Hardness (HB)	-	255	235	220

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Name	Mechanical features	Casting's average thickness in mm		
		S<30	30<60<td	60<200<td
EN-GJS-350	Tensile strength (N/mm ²)	350	330	320
	Hardness (HB)	<160		
EN-GJS-400	Tensile strength (N/mm ²)	400	390	370
	Hardness (HB)	140-200		
EN-GJS-450	Tensile strength (N/mm ²)	450	430	400
	Hardness (HB)	160-210		
EN-GJS-500	Tensile strength (N/mm ²)	500	450	420
	Hardness (HB)	170-230		
EN-GJS-600	Tensile strength (N/mm ²)	600	600	550
	Hardness (HB)	190-250		