



1 Range of grades

The table below shows the mechanical characteristics of the tubes manufactured by GPT, according to standard EN 10305-3/-5.

EN 10305-3/-5		Mechanical Properties			Delivery condition
Steel Grade	R _{eH} (MPa) mín.	R _m (MPa) mín.	A (%) mín.		
E155	***	290	15	+CR1 S2 // S3 // S4	
E195	***	330	8		
E235	***	390	7		
E275	***	440	6		
E355	***	540	5		
E190	190	270	26	+CR2 S2 // S3 // S4	
E220	220	310	23		
E260	260	340	21		
E290F(*)	290	380	20		
E320	320	410	19		
E360SKF(*)	360	415	6		
E370	370	450	15		
E420	420	490	12		
E460	460	510	11		
E500	500	540	10		
E550	550	590	8		
E600	600	640	6		
E700	700	740	5		
Special steel grades not included at standard					
RHSS steel grades					
HCT590X	520	600	14	+CR2 S2 // S3 // S4	
HCT780X	650	800	8		
HDT760C	660	780	8		
HCT980X	850	1000	6		
M1200-F	1050	1200	4		
M1300-F	1150	1300	3		
M1400-F	1250	1400	2		
Quenched steel grades					
22MnB5	1100	1450	5	S2 // S3	
26MnB5	1200	1550	4		
30MnB5	1300	1650	4		

(*) Own grades

We also offer the possibility of additional mechanical requirements on demand.