

Impact test

Grade	Delivery condition	Correspondent steel grade	KV min		KV min	
			[Joules]		[Joules]	
			Longitudinal		Transversal*	
ART H355	+N	E355 +N (acc. EN 10305-1)	40 J / - 30 °C	Option 1, 3	27J/-30°C	Option 1
ART H450	+SR	E355 +SR (acc. EN 10305-1)	27J / - 20 °C			Option 2
ART H460	+N	P460NL +N (acc. EN 10216-3)	40 J / - 30 °C	Option 3	27J/-30°C	
ART H525	+SR	E355 +SR (acc. EN 10305-1)	27J / - 20 °C			Option 2
ART H560	+SR	E355 +SR (acc. EN 10305-1)	40J / - 20 °C			Option 2
ART H620	+SR	E410 +SR (acc. EN 10305-1)	40J / - 40 °C		27J/-40°C	
ART H690	+SR	E410 +SR (acc. EN 10305-1)	40J / - 40 °C		27J/-40°C	

*Transversal impact test is possible for the sizes where standard test specimens can be machined from nominal wall.

Impact test values are the minimum granted average absorbed energy for 10x10 mm specimen with Vnotch.

The following impact test options can be provided:

Option 1 - Longitudinal impact test: 40J and 27J transversal at - 40°C

Option 2 – Transversal impact test: 27J at - 20°C

Option 3 - Longitudinal impact test: 40J at - 50°C

Upon request other values/temperatures for impact test can be agreed.