

Docol DP and M Steels adapted to car manufacturers own standards

This datasheet shows the ability to adapt Docol dual phase and martensitic steels to car manufacturers own standards. All grades, in the different standards, can be achieved, except these with the note 3).

Min tensile strength (MPa)	Car Manufacture standard						
	Renault RNUR 11-04-002	PSA B53 3250	Toyota TSG 3100G	Nissan NES M2032	Honda HES C 052-00	Mazda MES MM 106G	GM GMW3399M-ST-S
440/450		DP 450 ¹⁾	SPC 440	SP152-440	JSC 440W	SPCN 440W	CR450T/250YDP
500	XE 300B						CR490T/290YDP
590/600							CR590T340YDP
	XE 360B	DP 600 ¹⁾	SPC 590DU	SP153-590 SP151-590 ²⁾	JSC 590Y JSC JSC590R ²⁾	SPCN 590Y SPCN 590R ²⁾	CR590T/280YDP CR590T/420YDP
690/700							CR690T/550YDP
780/800							CR780T/420YDP
	XE 450B	DP 780 ¹⁾	SPC 780DU	SP153-780 ²⁾	JSC 780Y	SPCN780Y	CR780T/500YDP
900							CR900T/700YMS
980/1000			SPC 980DU		JSC 980Y	SPCN 980Y	CR980T/550YDP CR980T/650YDP
1100							CR1100T/860YMS
1180/1200			SPC 1180DU ³⁾	SP153-1180 ³⁾	JSC 1180Y ³⁾	SPCN 1180Y ³⁾	
1300							CR1300T/1030YMS
1500							CR1500T/1200YMS

Min tensile strength MPa)	Car Manufacture standard						AvtoVaz
	Ford WSS-M1A348	Fiat 52815	VW 50060-1 50060-3		BMW GS 93005-11 GS 93005-13		
440/450	A1 ²⁾	FE 450 DPF ²⁾	HC 260X ²⁾		HC 260X ²⁾		DP 450
500	A2 - A3	FE 500 DPF	HC 300X		HC 300X		DP 500
590/600							
	A4 - A5	FE 600 DPF	HC 340X		HC 340X HC 380X		DP 600
690/700							
780/800							
	A8	FE 800 DPF	HC 450X	HC 500C HC 600C	HC 420X	HC 500C HC 600C	DP 800
900		FE 900 MS					
980/1000							
	A9	FE 1000 DPF	HC 660X	HC 700C	HC 540X		DP 1000
1100		FE 1100 MS					
1180/1200		FE 1200 DPF ³⁾					
1300		FE 1300 MS					
1500		FE 1500 MS					

1) The steelgrade don't fulfil the required mechanical properties

2) The steelgrade fulfil the required mechanical properties to some extend

3) The steelgrade in progress of development

Technical service and information

Knowledge Service Center will be pleased to assist with additional information concerning this product from SSAB Tunnpålar.

The particulars in this data sheet are correct at the time of going to print and are intended to give general guidance for the use of the product. Subject to changes arising from continual product development. The information and data must not be regarded as guaranteed values, unless specially confirmed in writing.



SSAB Tunnpålar AB
781 84 Borlänge
Tel +46 243 700 00
Fax +46 243 720 00
www.ssab.com
strip@ssab.com

Denmark
SSAB Svensk Stål A/S
Tel +45 4320 5000
ssab.dk

Finland
OY SSAB Svenskt Stål AB
Tel +358 9 686 6030
ssab.fi

Czech Republic
SSAB Swedish Steel s.r.o.
Tel +420 545 210 550

France
SSAB Swedish Steel SA
Tel +33 1 55 61 91 00
ssab.fr

Germany
SSAB Swedish Steel GmbH
Tel +49 211 9125 0
Tel +49 711 68784 0
ssab.com

Great Britain
SSAB Swedish Steel Ltd
Tel +44 1905 795794
swedishsteel.co.uk

Italy
SSAB Swedish Steel S.p.A.
Tel +39 030 905 881 1
ssab.it

The Netherlands
SSAB Swedish Steel BV
Tel +31 24 679 05 50
ssab.nl

Norway
SSAB Svensk Stål A/S
Tel +47 23 11 85 80
ssab.no

Poland
SSAB Swedish Steel Sp.
z o.o.
Tel +48 22 723 03 80
Tel +48 22 723 00 49

Portugal
SSAB Swedish Steel
Tel +351 256 371 610
ssab.pt

Spain
SSAB Swedish Steel S.L.
Tel +34 91 300 54 22
ssab.es

USA
SSAB Swedish Steel Inc
Tel +1 412-269 21 20
swedishsteel.us

Brazil
SSAB Swedish Steel Ltda.
Tel + 55 41 3014 9070
ssab.com.br

South Africa
SSAB Swedish Steel Pty Ltd
Tel +27 11 822 2570
swedishsteel.co.za

China
SSAB Swedish Steel
Tel +86 10 6440 3550
swedishsteel.cn

Korea
SSAB Swedish Steel Ltd
Tel +82 2 369 7272

Australia
SSAB Swedish Steel Pty.Ltd
Tel +61 3 9548 8455

Russia
SSAB Swedish Steel
Tel + 7 495 781 39 33

Turkey
SSAB Swedish Steel
Tel + 90 216 372 63 70