DSM 帝思曼

Hardness Conversion Tables

Hardness		Tension Strength N/mm2(kgf/mm2)	Hardness		Tension Strength N/mm2(kgf/mm2)	Hardness		Tension Strength N/mm2(kgf/mm2)
HV	HRC		HV	HRC		HV	HRC	
940	68	----	540	51.7	1860(190)	280	27.1	890(91)
920	67.5	----	530	51.1	1825(186)	275	26.4	875(89)
900	67	----	520	50.5	1795(183)	270	25.6	855(87)
880	66.4	----	510	49.8	1750(179)	265	24.8	840(86)
860	65.9	----	500	49.1	1705(174)	260	24	825(84)
840	65.3	----	490	48.4	1660(169)	255	23.1	805(82)
820	64.7	----	480	47.7	1620(165)	250	22.2	795(81)
800	64	----	470	46.9	1570(160)	245	21.3	780(79)
780	63.3	----	460	46.1	1530(156)	240	20.3	765(78)
760	62.5	----	450	45.3	1495(153)	230	18	730(75)
740	61.8	----	440	44.5	1460(149)	220	15.7	695(71)
720	61	----	430	43.6	1410(144)	210	13.4	670(68)
700	60.1	----	420	42.7	1370(140)	200	11	635(65)
690	59.7	----	410	41.8	1330(136)	190	8.5	605(62)
680	59.2	----	400	40.8	1290(131)	180	6	580(59)
670	58.8	----	390	39.8	1240(127)	170	3	545(56)
660	58.3	----	380	38.8	1205(123)	160	0	510(53)
650	57.8	----	370	37.7	1170(120)	150		490(50)
640	57.3	----	360	36.6	1130(115)	140		455(46)
630	56.8	----	350	35.5	1095(112)	130		425(44)
620	56.3	----	340	34.4	1070(109)	120		390(40)
610	55.7	----	330	33.3	1035(105)	110		
600	55.2	----	320	32.2	1005(103)	100		
590	54.7	2055(210)	310	31	980(100)	95		
580	54.1	2020(206)	300	32.2	950(97)	90		
570	53.6	1985(202)	295	31	935(96)	85		
560	53	1950(199)	290	28.5	915(94)			
550	52.3	1905(194)	285	27.8	905(92)			