

HB Physical Properties

2015 - V1

Physical Properties	Test Method	Units	Normal Grades											
			4.5x	8x	10x	12x	13.5x	15x	18x	20x	30x	45x	70x	
Density	ISO 845	g/L	200	113	90	75	67	60	50	45	30	20	13	
Tensile Strength	ISO 1798	kPa	1,940	1,255	1,080	1,000	900	780	680	610	470	320	240	
Tensile Elongation	ISO 1798	%	9	14	16	18	19	20	22	24	25	26	28	
Compressive Strength	25% Strain	ISO 844	kPa	2,100	1,000	680	470	440	400	320	280	160	80	30
	50% Strain			3,200	1,500	1,000	600	530	520	430	380	240	160	90
	75% Strain			9,400	4,650	2,600	1,400	1,100	1,040	860	780	500	370	200
Compression Set 25% Strain - 22hr, 23°C Restoration 24Hr	ISO 1856C	%	10.0	10.0	10.5	10.5	10.5	11.0	11.0	11.0	11.0	12.0	18.0	
Burning Rate	ISO 3795	mm/min	12	20	27	30	40	42	55	62	80	-	-	

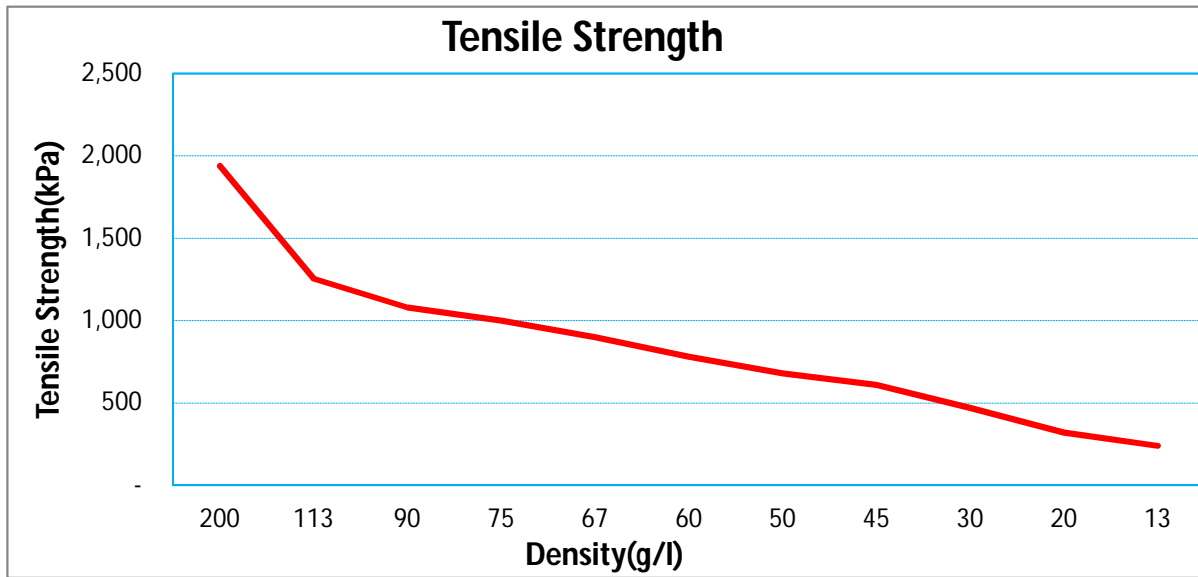
※ The data indicated above are subject to change according to test condition and method.

※ We can supply optimized special grades besides above mentioned.

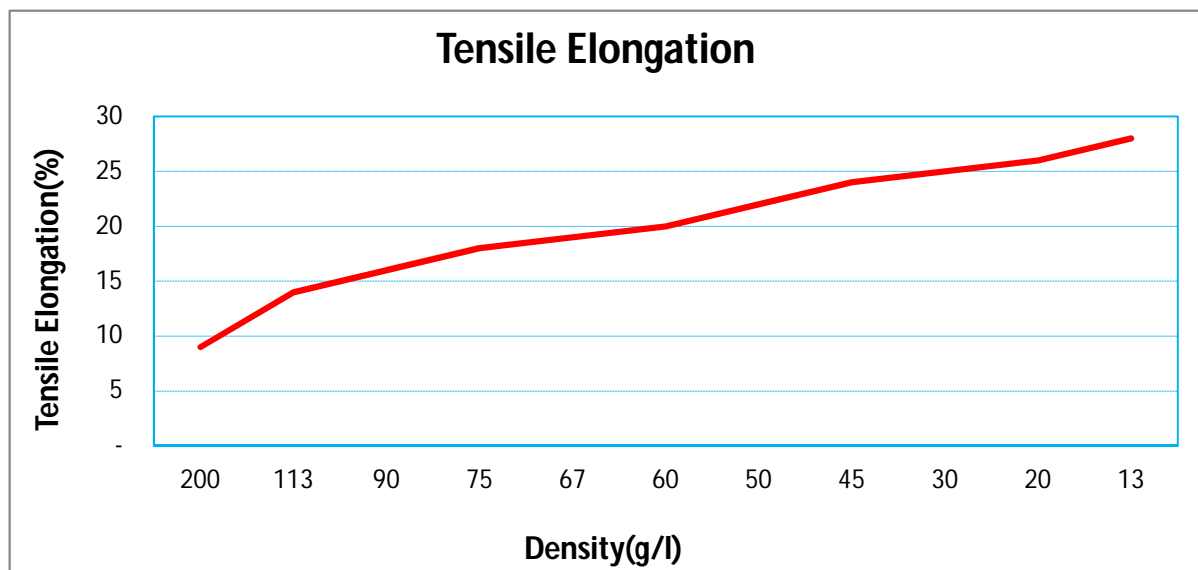
HB Tensile Strength and Elongation Curve

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1. Tensile Strength



2. Tensile Elongation



HB Compressive Strength

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