

No. : TA15590E

Date : 19 June 2015

PARTICULARS OF APPROVAL

Approval Conditions for Synthetic Fibre Ropes

1. Approval No. : 09R-2
2. Trade Name : NMP Rope
3. Kind : Nylon Double Braided Rope
4. Grade : Not Applicable
5. Number of Strands : See Table 1.
6. Raw Textile : See Table 1.
7. Specification : See Table 2 and 3.

Table 1: Part of Approval Conditions

	No. of Strands	Raw Textile	
		Manufacturer	Kind
Core	12	Hyosung Corporation	Nylon-6 Multifilament Yarn
Cover	32	Hyosung Corporation	Nylon-6 Multifilament Yarn

NIPPON KAIJI KYOKAI



T. Imamura

General Manager

Material and Equipment Department

Table 2: Specification of NMP Rope

Diameter (mm)	Mass (kg/200m)	Breaking Load (kN)
40	206	456
44	242	535
48	286	628
50	302	667
52	328	721
55	366	804
60	440	961
65	512	1,099
70	596	1,256
75	684	1,422
80	777	1,609
85	874	1,766
90	980	1,962
95	1,080	2,158
100	1,200	2,403

Remark: The above minimum breaking loads are to be satisfied at room temperature after having been immersed in warm water at $35\pm 2^{\circ}\text{C}$ for more than 30 minutes.



Table 3: Corresponding Diameter of NMP Rope to Hemp Rope

Diameter of Ropes (mm)	
Hemp Rope	NMP Rope
60	40
65	42
70	44
75	48
80	52
85	56
90	60
95	64
100	68
110	72
120	80