

Henan Ume Cable Co.,Ltd

**Add:Room1813, TowerD, No.100 Shangdu Road,Zhengdong New District,
Zhengzhou, Henan, China www.umecable.com**

Test report

No: UM5L24032103

No	Test item	Standard requirement				Test result					Judge
1	Structure	Size(No.x mm2)				3x35+1x16+NA25 mm2					-
		Insulation core convex ridges				1	2	3	4	Neutral	-
		cross area(mm2)				35	35	35	16	25	-
		Material of conductor	AAC/AAAC			AAC	AAC	AAC	AAC	AAAC	pass
		strnds (NO.) of conductor	7			7	7	7	7	7	pass
		conductor lay direction	right			right					pass
		compact dia (mm)				7.0	7.0	7.0	4.8	6.4	pass
		xlpe insulation thick(mm)	≥	1.14		1.19	1.23	1.21	1.18	1.21	pass
		Min poin of xlpe (mm)	≥	1.03		1.09	1.13	1.11	1.07	1.09	pass
		Twisted lay direction	right					right			pass
		Overall dia(mm)						24.5			pass
3	Electric test	20℃ D.C Resistance Ω/km	≤	0.868/1.91 /1.35		0.841	0.847	0.846	1.82	1.28	pass
		AC Votale test 3500V 5min	no break			pass	pass	pass	pass	pass	pass
4	Break load	AAAC break load (KN)	≥	7.72				8.27			pass
5	Hot set	elongation upload %	≤	175		70	70	70	70	65	pass
		elognition after cooling	≤	15		0	0	0	0	0	pass
Conclusion		The cable is qualified as contract requirement.									
		Test: Li wei					Date: 2024.4.17				

No	Test item	Standard requirement				Test result					Judge
1	Structure	Size(No.x mm2)				2x25+1x16+NA25 mm2					-
		Insulation core convex ridges				1	2	3	/	Neutral	-
		cross area(mm2)				25	25	16	/	25	-
		Material of conductor	AAC/AAAC			AAC	AAC	AAC	/	AAAC	pass
		strnds (NO.) of conductor	7			7	7	7	/	7	pass
		conductor lay direction	right			right					pass
		compact dia (mm)				6.0	6.0	4.8	/	6.4	pass
		xlpe insulation thick(mm)	≥	1.14		1.19	1.20	1.18	/	1.21	pass
		Min poin of xlpe (mm)	≥	1.03		1.09	1.10	1.09	/	1.07	pass
		Twisted lay direction	right					right			pass
		Overall dia(mm)						20.5			pass
3	Electric test	20℃ D.C Resistance Ω/km	≤	1.2/1.91 /1.35		1.170	1.160	1.820	/	1.27	pass
		AC Votale test 3500V 5min	no break			pass	pass	pass	/	pass	pass
4	Break load	AAAC break load (KN)	≥	7.72				8.35			pass
5	Hot set	elongation upload %	≤	175		65	65	60	/	60	pass
		elognition after cooling	≤	15		0	0	0	/	0	pass
Conclusion		The cable is qualifed as contract reuirement.									
		Test: Li wei					Date: 2024.4.17				



Henan Ume Cable Co.,Ltd
Add:Room1813, TowerD, No.100 Shangdu Road,Zhengdong New District,
Zhengzhou, Henan, China www.umecable.com

Test report

No: UMSL24

No	Test item	Standard requirement				Test result					
1	Structure	Size(No.x mm2)				3x25+1x16+NA25 mm2					
		Insulation core convex ridges				1	2	3	4	/	Neutral
		cross area(mm2)				25	25	25	16	/	25
		Material of conductor	AAC/AAAC			AAC	AAC	AAC	AAC	/	AAAC
		strnds (NO.) of conductor	7			7	7	7	7	/	7
		conductor lay direction	right			right					
		compact dia (mm)				6.0	6.0	6.0	4.8	/	6.4
		xlpe insulation thick(mm)	≥	1.14		1.19	1.20	1.19	1.18	/	1.21
		Min poin of xlpe (mm)	≥	1.03		1.09	1.10	1.10	1.09	/	1.07
		Twisted lay direction	right						right		
		Overall dia(mm)							22.36		
3	Electric test	20℃ D.C Resistance Ω/km	≤	1.2/1.91 /1.35	1.170	1.160	1.170	1.820	/	1.27	
		AC Votage test 3500V 5min	no break			pass	pass		pass	/	pass
4	Break load	AAAC break load (KN)	≥	7.72				8.65			
5	Hot set	elongation upload %	≤	175		65	65	60	60	/	60
		elognition after cooling	≤	15		0	0	0	0	/	0
Conclusion		The cable is qualifed as contract reuirement.									
		Test: Li wei					Date: 2024.4.17				

1032103

Judge
-
-
-
pass
pass
pass
pass
pass
pass
pass
pass
pass
pass
pass
pass
pass



Henan Ume Cable Co.,Ltd

Add:Room1813, TowerD, No.100 Shangdu Road,Zhengdong New District,
Zhengzhou, Henan, China www.umecable.com

Test report

No: UMSL24032103

No	Test item	Standard requirement				Test result				Judge
1	Stucture	Size(No.x mm2)				3x25+NA25 mm2				-
		Insulation core convex ridges				1/2/3	/	/	Neutral	-
		cross area(mm2)				25	/	/	25	-
		Material of condcutor	AAC/AAAC			AAC	/	/	AAAC	pass
		strnds (NO.) of conductor	7			7	/	/	7	pass
		condcutor lay dierection	right			right				pass
		compact dia (mm)				6.0	/	/	6.4	pass
		xlpe insulation thick(mm)	≥	1.14		1.19	/	/	1.21	pass
		Min poin of xlpe (mm)	≥	1.03		1.09	/	/	1.08	pass
		Twisted lay direction	right				right			pass
		Overall dia(mm)					18.7			pass
3	Elctric test	20℃ D.C Resistance Ω/km	≤	1.2/1.35	1.170	/	/	1.27	pass	
		AC Votale test 3500V 5min	no break			pass	/	/	pass	pass
4	Break load	AAAC break load (KN)	≥	7.72		8.38			pass	
5	Hot set	elongation upload %	≤	175		65	/	/	60	pass
		elognition after cooling	≤	15		0	0	/	0	pass
Conclusion		The cable is qualifed as contract reuirement。								
		Test: Li wei				Date: 2024.4.17				

Henan Ume Cable Co.,Ltd

**Add:Room1813, TowerD, No.100 Shangdu Road,Zhengdong New District,
Zhengzhou, Henan, China www.umecable.com**

Test report

No: UM5L24032103

No	Test item	Standard requirement				Test result				Judge	
1	Stucture	Size(No.x mm2)				1x16+NA25 mm2				-	
		Insulation core convex ridges				1	/	/	/	Neutral	-
		cross area(mm2)				16	/	/	/	25	-
		Material of condcutor	AAC/AAAC			AAC	/	/	/	AAAC	pass
		strnds (NO.) of conductor	7			7	/	/	/	7	pass
		condcutor lay dierection	right			right				pass	
		compact dia (mm)				4.8	/	/	/	6.4	pass
		xlpe insulation thick(mm)	≥	1.14		1.21	/	/	/	1.19	pass
		Min poin of xlpe (mm)	≥	1.03		1.13	/	/	/	1.09	pass
		Twisted lay direction	right					right			pass
		Overall dia(mm)						16.1			pass
3	Elctric test	20℃ D.C Resistance Ω/km	≤	1.91 /1.35		1.812	/	/	/	1.28	pass
		AC Votale test 3500V 5min	no break			pass	/	/	/	pass	pass
4	Break load	AAAC break load (KN)	≥	7.72				8.69		pass	
5	Hot set	elongation upload %	≤	175		65	/	/	/	65	pass
		elognition after cooling	≤	15		0	/	/	/	0	pass
Conclusion		The cable is qualifed as contract reuirement。									
		Test: Li wei					Date: 2024.4.17				



Henan Ume Cable Co.,Ltd

Add:Room1813, TowerD, No.100 Shangdu Road,Zhengdong New District,
Zhengzhou, Henan, China www.umecable.com

Test report

No: UMSL24032103

No	Test item	Standard requirement				Test result				Judge	
1	Stuctur e	Size(No.x mm2)				1x16+NA16 mm2				-	
		Insulation core convex ridges				1	/	/	/	Neutral	-
		cross area(mm2)				16	/	/	/	16	-
		Material of condcutor	AAC/AAAC			AAC	/	/	/	AAAC	pass
		strnds (NO.) of conductor	7			7	/	/	/	7	pass
		condcutor lay dierection	right			right				pass	
		compact dia (mm)				4.8	/	/	/	5.11	pass
		xlpe insulation thick(mm)	≥	1.14		1.21	/	/	/	1.19	pass
		Min poin of xlpe (mm)	≥	1.03		1.13	/	/	/	1.09	pass
		Twisted lay direction	right					right			pass
		Overall dia(mm)						14.8			pass
3	Elctric test	20℃ D.C Resistance Ω/km	≤	1.91 /2.098	1.812	/	/	/	1.96	pass	
		AC Votale test 3500V 5min	no break			pass	/	/	/	pass	pass
4	Break load	AAAC break load (KN)	≥	4.94			5.48			pass	
5	Hot set	elongation upload %	≤	175		65	/	/	/	65	pass
		elognition after cooling	≤	15		0	/	/	/	0	pass
Conclusion		The cable is qualifed as contract reuirement。									
		Test: Li wei				Date: 2024.4.17					



Henan Ume Cable Co.,Ltd

Add:Room1813, TowerD, No.100 Shangdu Road,Zhengdong New District,
Zhengzhou, Henan, China www.umecable.com

Test report

No: UMSL24032103

No	Test item	Standard requirement				Test result				Judge	
1	Stuctur e	Size(No.x mm2)				1x25+NA25 mm2				-	
		Insulation core convex ridges				1	/	/	/	Neutral	-
		cross area(mm2)				25	/	/	/	25	-
		Material of condcutor	AAC/AAAC			AAC	/	/	/	AAAC	pass
		strnds (NO.) of conductor	7			7	/	/	/	7	pass
		condcutor lay dierection	right			right				pass	
		compact dia (mm)				6.0	/	/	/	6.40	pass
		xlpe insulation thick(mm)	≥	1.14		1.21	/	/	/	1.19	pass
		Min poin of xlpe (mm)	≥	1.03		1.13	/	/	/	1.09	pass
		Twisted lay direction	right					right			pass
		Overall dia(mm)						17.0			pass
3	Elctric test	20℃ D.C Resistance Ω/km	≤	1.2 /1.35	1.165	/	/	/	1.28	pass	
		AC Votale test 3500V 5min	no break			pass	/	/	/	pass	pass
4	Break load	AAAC break load (KN)	≥	7.72			8.71			pass	
5	Hot set	elongation upload %	≤	175		65	/	/	/	65	pass
		elognition after cooling	≤	15		0	/	/	/	0	pass
Conclusion		The cable is qualifed as contract reuirement。									
		Test: Li wei				Date: 2024.4.17					