























Selector guide ALH Systems ingjutning


Product	Type	Color	Mix ratio [V] [w]	Operating T [°C]	Viscosity mixed [mPas]	Pot life @RT	Curing @RT	Durometer hardness	Electric strength/ Thermal conductivity	Features	Approvals	
NP1003*	Epoxy	Black	5,3:1 10,1:1	-55 to 130	6 000- 10 000	45 min	24 h	D80	15 kV/mm 0,9 W/m °K	General purpose Flame retardant	UL 94 V-0 No halogens	
NP1023	Epoxy	Beige	5,8:1 10:1	-10 to 130	6 000- 10 000	30 min	24 h	D75	15 kV/mm 0,85 W/m °K	General purpose Flame ret	No halogens	
NP1025*	Epoxy	Grey	7,2:1 18:1	-40 to 180	2 000- 4 000	90 min	24 h	D76	15 kV/mm 1,3 W/m °K	High thermal Low viscosity	No halogens	
NP1033	Epoxy	Beige	5,3:1 10,1:1	-55 to 130	6 000- 10 000	45 min	24 h	D80	15 kV/mm 0,9 W/m °K	Unpigmented version of NP1003	Flame resistant	
NP1433	Epoxy	Clear	1:1 1,23:1	-	600	20 min	24 h	-	-	Decorative coatings Glossy decoupage		
NP1434	Epoxy	Clear	1:1 10:8	-40 to 125	700	15 min	7 d	D52	15 kV/mm 0,2 W/m °K	Water resistant Low cure exotherm		
NP1435	Epoxy	Clear	2:1 10:6,3	-40 to 125	300	45 min	2 d	D60	15 kV/mm 0,25 W/m °K	Water resistant Chemically resistant		
NP1436	Epoxy	Clear	1:1 10:8	-40 to 125	3600- 7000	15 min	7 d	D55	15 0,2	Water resistant Slightly flexible		
NP1437	Epoxy	Black	1:1 10:8	-40 to 125	700	15 min	7 d	D70	15 kV/mm 0,2 W/m °K	Slightly flexible Difficult env conditions	Bluetooth	
NP1853	Epoxy	Beige	4,6:1 7,8:1	-40 to 180	13 000	100 min	4 h @80°C 2 h @120°C	D85	20 kV/mm 0,85 W/m °K	High temp Chemically resistant	No halogens	
NP1856	Epoxy	Blue	1K	-40 to 130	3 500	-	30 m @120°C	D40	15 kV/mm 0,45 W/m °K	1K Flexible		
NP1004	PU	Black	3,75:1 4,23:1	-40 to 130	1 500	25 min	48 h	A90/D40	20 kV/mm -	Low viscosity Flame retardant	RoHS	
NP1024	PU	Red	100:24,9 100:21,2	-40 to 130	2 000	30 min	78 h	D50-55	15 kV/mm >0,4 W/m °K	Low viscosity Flame retardant	RoHS	
NP1044	PU	Black	3,71:1 4,23:1	-40 to 130	1 400	8 min	24 h	D45-50	20 kV/mm >0,4 W/m °K	Low viscosity Flame retardant	RoHS	
NP1170	PU	Transp.	4,75:1 4,3:1	-60 to 100	450	30 min	48 h	A12	15 kV/mm 0,2 W/m °K	Water resistant Re-enterable	RoHS	
NP1172	PU	Orange	2:1 2,4:1	-60 to 100	4 000	20 min	48 h	A15	15 kV/mm 0,4 W/m °K	Water resistant	RoHS	
NP1173	PU	White	6,13:1 12,4:1	-60 to 100	10 000	15 min	72 h	A45	15 kV/mm 0,8 W/m °K	Water resistant Shock resistant	RoHS	
NP1175	PU	Grey	8,8:1 11:1	-60 to 140	3 500	15 min	72 h	A15-20	15 kV/mm 0,5 W/m °K	Water resistant Shock resistant	RoHS	


NP1177	PU	Black	3,75:1 2,7:1	-60 to 140	2 500	20 min	72 h	A80	20 kV/mm 0,25 W/m °K	Water resistant Shock resistant	RoHS	
NP1178	PU	Blue	3,17:1 4,5:1	-60 to 110	1 000	20 min	72 h	A25-35	15 kV/mm 0,4 W/m °K	Water resistant Re-enterable	RoHS	
NP1179	PU	Black	4,13:1 4,5:1	-60 to 125	2 000	20 min	72 h	A90	20 kV/mm 0,25 W/m °K	Water resistant High performance	RoHS	
NP1183	PU	Black	3:8:1 3:1	-60 to 140	1 800	10 min	48 h	A80	20 kV/mm 0,25 W/m °K	Water resistant High performance	RoHS	 
NP1192	PU	Blue	2:1 2,4:1	-60 to 100	4 000	20 min	48 h	A15	15 kV/mm 0,4 W/m °K	Water resistant	RoHS	
NP1370	PU	Black	1:1 100:115,5	to 120	Low	8 min	90 h	A60-70		Rapid demould time Outdoor		
NP1480*	PU	Clear (water)	1:1 SxS 100:107	-40 to 120	1 000	10 min	24 h	A85	15 kV/mm 0,3 W/m °K	UV stable, LED Abrasion resistant		
NP1481	PU	White	1,2:1 1,78:1	-40 to 125	4 000	25 min	48 h	A90	15 kV/mm 0,85 W/m °K	Shock resistant Low shrinkage stress		
NP1482	PU	Clear (water)	1:1 100:107	-40 to 120	1 000	25 min	24 h	A85	15 kV/mm 0,3 W/m °K	High green strength Slower than 1480		
NP1483	PU	Clear (water)	1:1 100:112	-40 to 120	1100	30 min	24 h	A85	15 kV/mm 0,3 W/m °K	Long pot life For doming		
NP1484	PU	Clear (water)	1:1 100:108	-40 to 120	400	12 min	24 h	A75-80	15 kV/mm 0,3 W/m °K	Low viscosity For potting		
NP1485	PU	Opalescent	1:1 1:1,08	-40 to 120	1 000- 2 000	20 min	48 h	D55	15 kV/mm 0,25 W/m °K	Opaque translucent Water resistant		
NP1486	PU	Clear (water)	100:105 100:108	-40 to 120	800	12 min	24 h	A70-80	10 kV/mm 0,25 W/m °K	UV resistant Abrasion resistant		
NP1850	PU	Beige	6,13:1 3,19:1	To 155	1 000	21 min	72 h	A75	- 0,35 W/m °K	High temp Mineral oil resistance		
NP1851	PU	Black	1,2:1 1,78:1	-40 to 155	1 600	15 min	48 h	A60	20 kV/mm 0,25 W/m °K	High temp, flexible, tough, intumescent		 
NP1855	PU	Grey	10:2,44 10:1,9	-40 to 155	5 000	10 min	48 h	A85	15 kV/mm 0,75 W/m °K	High temp Flexible		 
NP1860	PU	Beige	10:2,44 10:1,9	-40 to 155	2 500	30 min	48 h	A85	15 kV/mm 0,75 W/m °K	Water resistant High temp, Flexible		 
NP2500	PU	Clear straw	1:1 92:100	-60 to 100	500	25 min	48 h	A16	18 kV/mm 0,25 W/m °K	Re-enterable	RoHS	


*Go-to product

 Thermally conductive

 High temperature resistant



 Suitable for LED applications

 Flame retardant

 Water resistant

1400 Series: LED (unfilled, transparent)

Selector guide ALH Systems lim

Produkt	Type	Color	Mix ratio [V] [w]	Viscosity mixed [mPas]	Pot life @RT	Curing @RT	Durometer hardness	Electric strength/ Thermal conductivity	Features	Approvals	
NP2001	Epoxy	Clear	1:1 SxS	10 000 + 1200	4 min	15 h @ 20 C	A80	0,2 W/m °K	Very clear "5-min epoxy"	Adhesive	
NP2020	Epoxy	Clear	1:1 SxS	8000 + 5000	12 min				Rapid curing Very clear	Adhesive	
NP2029	Epoxy	Clear	1:1 SxS	2 500 + 15 000	6-7 min		A55-65	0,2 W/m °K	Rapid curing Low shrinkage	Adhesive	