Nano-ADAMANT G unmodified HPTLC silica layers

Key features

- Outstanding hardness and abrasion resistance due to an optimized binder system
- Increased separation efficiency due to an optimized particle size distribution
- High suitability for trace analyses resulting from a UV indicator with increased brilliance and a lownoise background of the layer

Technical characteristics

- Nano silica 60, mean pore size 60 Å, specific surface (BET) ~ 500 m^2/g, specific pore volume 0.75 mL/g, particle size 2–10 µm

Ordering information

Plate size [cm]	10 x 10	10 x 20	Thickness of layer	Fluorescent indicator
Pack of [plates]	25	50		
Glass plates				
Nano-ADAMANT	821140	821150	0.20 mm	–
Nano-ADAMANT UV_{254}	821110	821120	0.20 mm	UV_{254}

Nano-SIL G Ax A unmodified HPTLC silica layers

Technical characteristics

- Nano silica 60, mean pore size 60 Å, specific surface (BET) ~ 500 m^2/g, specific pore volume 0.75 mL/g, particle size 2–10 µm
- Indicator: manganese activated zinc silicate with green fluorescence for short-wave UV (254 nm)
- Binder: highly polymeric product, which is stable in almost all organic solvents and resistant towards aggressive visualization reagents

Ordering information

Plate size [cm]	5 x 5	5 x 20	10 x 10	10 x 20	20 x 20	Thickness of layer	Fluorescent indicator
Pack of [plates]	100	50	25	50	25		
Glass plates							
Nano-SIL-20	811011		811012	811013		0.20 mm	–
Nano-SIL-20 UV_{254}	811021		811022	811023		0.20 mm	UV_{254}
ALUGRAM® Xtra aluminum sheets							
Nano-SIL G		818240			818241	0.20 mm	–
Nano-SIL G/UV_{254}		818342			818343	0.20 mm	UV_{254}
ALUGRAM® aluminum sheets							
Nano-SIL G					818141	0.20 mm	–
Nano-SIL G/UV_{254}					818143	0.20 mm	UV_{254}

Index of reference numbers