



Summary of MN ready-to-use layers

Summary

Phase	Support*	Layer	Page
Standard silica particle size 5–17 µm			
ADAMANT	G	silica 60, improved binder system, optimized particle size distribution	274
SIL G	G P A Ax	silica 60, standard grade	276
DURASIL	G	silica 60, special binder system	277
SILGUR	G Ax	silica 60 with kieselguhr concentrating zone	279
Unmodified silica for HPTLC particle size 2–10 µm			
Nano-SILGUR	G Ax	nano silica 60 with kieselguhr concentrating zone	279
Nano-ADAMANT	G	nano silica 60, improved binder system, optimized particle size distribution	281
Nano-SIL	G A Ax	nano silica 60, standard grade	281
Nano-DURASIL	G	nano silica 60, special binder system	282
Modified silica for HPTLC particle size 2–10 µm			
Nano-SIL C18-50/ Nano-SIL C18-100	G	nano silica with partial or complete C ₁₈ modification	283
RP-18 W/UV ₂₅₄	G A	nano silica with partial octadecyl modification, wettable with water	284
RP-2/UV ₂₅₄	G A	silanized silica = dimethyl-modified nano silica 60	284
Nano-SIL CN	G A	cyano-modified nano silica	285
Nano-SIL NH ₂	G A	amino-modified nano silica	286
Nano-SIL DIOL	G	diol-modified nano silica	287
Aluminum oxide			
Alox-25 / Alox N	G P A	aluminum oxide	288
Cellulose, unmodified and modified			
CEL 300	G P A	native fibrous cellulose MN 300	289
CEL 400	G P	microcrystalline cellulose MN 400 (AVICEL®)	289
CEL 300 PEI	P	polyethyleneimine-impregnated cellulose ion exchanger	290
CEL 300 AC	P	acetylated cellulose MN 300	290
POLYAMID-6			
POLYAMID-6	P	perlon = ε-polycaprolactame	290
Layers for special separations			
CHIRALPLATE	G	RP silica with Cu ²⁺ ions and chiral reagent, for enantiomer separation of amino acids	291
SIL N-HR	P	high purity silica 60, special binder system, higher gypsum content	291
SIL G-25 HR	G	high purity silica 60 with gypsum, recommended for aflatoxin analysis	292
SIL G-25 Tenside	G	silica G with ammonium sulfate for separation of surfactants	292
Nano-SIL PAH	G	nano silica with special impregnation for PAH analysis	292
IONEX-25 SA-Na	P	mixed layer of strongly acidic cation exchanger and silica	293
IONEX-25 SB-AC	P	mixed layer of strongly basic anion exchanger and silica	293
Alox / CEL-AC-Mix	G	mixed layer of aluminum oxide and acetylated cellulose	293
SILCEL-Mix	G	mixed layer of cellulose and silica	293

* G = Glass plates P = POLYGRAM® polyester sheets A = ALUGRAM® aluminum sheets Ax = ALUGRAM® Xtra aluminum sheets