



Specification

1.05553.0001 TLC Silica gel 60 25 Aluminium sheets 20 x 20 cm

Specifications

Specific surface area (according to BET; 5-Pt. measurement)	480 - 540	m ² /g
Pore volume (N ₂ -isotherm)	0.74 - 0.84	ml/g
d 50 (laser diffraction, size distribution)	9.5 - 11.5	µm
Layer thickness	175 - 225	µm
Deviation of layer thickness per plate	≤ 30	µm

hRf-values

Colour test	
Bleu VIF Organol	11 - 25
Ceres black	34 - 48
Ceres violet BRN	52 - 67
Separation number	≥ 10.5

Typical value determined on a conditioned sheet
Eluent: Toluene (45% rel.humidity)

Peter Schaub

Responsible laboratory manager quality control

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