



CSPM Surface Roughness analysis report

Size: 5000.00nm x 5000.00nm

Amplitude parameters:

Sa(Roughness Average)0.15 [nm]
 Sq(Root Mean Square)0.173 [nm]
 Ssk(Surface Skewness)0.0193
 Sku(Surface Kurtosis)2.04
 Sy(Peak-Peak)1.19 [nm]
 Sz(Ten Point Height)1.18 [nm]

Hybrid Parameters:

Ssc(Mean Summit Curvature)-0.000641[1/nm]
 Sdq(Root Mean Square Slope)0.0041[1/nm]
 Sdr(Surface Area Ratio)0.000838

Functional Parameters:

Sbi(Surface Bearing Index)0.516
 Sci(Core Fluid Retention Index)1.49
 Svi(Valley Fluid Retention Index)0.0696
 Spk(Reduced Summit Height)0.0925[nm]
 Sk(Core Roughness Depth)0.536 [nm]
 Svk(Reduced Valley Depth)0.104 [nm]
 Sdc 0-5(0-5% height intervals of Bearing Curve)0.336 [nm]
 Sdc 5-10(5-10% height intervals of Bearing Curve)0.0407[nm]
 Sdc 10-50(10-50% height intervals of Bearing Curve)0.227 [nm]
 Sdc 50-95(50-95% height intervals of Bearing Curve)0.257 [nm]

Spatial Parameters:

Sds(Density of Summits)522 [1/um²]

Fractal Dimension2.69