Group summary statistics

**xbar Chart**
for Nitride Thickness

**R Chart**
for Nitride Thickness

**Run chart**

**Process Capability Analysis**
for Nitride Thickness

**Normal Q–Q Plot**

**Capability plot**

Center = 496.448
StdDev = 7.198815
Target = 500
Cp = 1.16
Cp_k = 1.08
Cp_m = 1.04

Specification limits

Process tolerance

T arget

LSL

USL

Center = 496.448
StdDev = 7.198815
Target = 500
Cp = 1.16
Cp_k = 1.08
Cp_m = 1.04