

S-395-N5

Micronized Wax

Shamrock's product line of micronized waxes provide rub and abrasion resistance. Included in this line are products that provide gloss, matting, clarity, and controlled slip in a range of particle sizes.




Product Description:

S-395-N5 is polyethylene wax with a DSC melt peak above 120°C, good crystallinity and high onset of melt.







Application:

S-395-N5 is recommended for liquid and paste inks. S-395-N5 is also recommended for use in many types of coating systems including solvent-based, water-based, UV, and powder coatings. S-395-N5 can be used for both pigmented and clear compositions. S-395-N5 is recommended at 2-3% of total formula weight for slip and abrasion resistance and 5-10% for matting.

Features and Benefits:

-  Excellent Abrasion Resistance
-  Good Slip
-  Assists in Matting

Typical Properties:

 Specific Gravity:	0.95
 Particle Size Mean Value:	8 µm
 99% of Particle Under:	25 µm
 NPIRI Grind:	5.0 Max
 Hegman Grind:	6.0 Min
 Melting Point:	257°F / 125°C

Regulatory Status:

The components of this product are listed on multiple chemical inventories. For specific information on the applicable chemical inventories, please refer to the product SDS.

Safety, Shipping and Handling:

For complete safety, shipping and handling information please contact your regional Customer Service Representative, or our Customer Service Team at customerserviceteam@shamrocktechnologies.com.

For **more** information about Shamrock's other products or capabilities please visit us at our website, ShamrockTechnologies.com.

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Issue Date: 11/12/2024

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