

Lanco™ PEW 1555 N

Hydrophilically Modified, Micronized Polyolefin Wax

Lanco™ PEW 1555 N is a modified polyolefin wax for use in water based industrial coatings. Due to its hydrophilic surface treatment Lanco PEW 1555 N is easy to disperse and shows improved stability in water based coatings. Lanco PEW 1555 N enhances the surface protection by increasing slip, scratch and abrasion resistance. Used alongside with silica matting agents, Lanco PEW 1555 N can prevent the formation of hard settlements.

FEATURES AND BENEFITS

- Abrasion Resistance
- COF Modification
- Ease of Dispersibility
- Matting Efficiency
- Scratch Resistance

CHARACTERISTICS

Characteristic Name	Value
Acid Number (mg KOH/g)	≤1
Addition Levels (% on total formula)	0.5-3.0%
Appearance	White powder
Chemical Type	Modified polyolefin wax
Density (g/cm ³ @ 20°C)	0.96
Hardness (ASTM D-1321)	1
Incorporation Recommendations	Lanco PEW Lanco 1555N is very easy to disperse. It can be incorporated using normal stirrers. In very low viscosity systems, high shear mixers such as dissolvers or bead mills may be required.
Melting Point (°C)	105
Particle Size Dv50 (µm)	≤ 9
Particle Size Dv90 (µm)	≤ 22

Characteristic Name	Value
Storage & Handling	Material should be stored on pallets in closed areas. A storage temperature of 40°C should not be exceeded.

REGULATORY

- FDA

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 1,825 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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