

DSX® 3020

Use

DSX®-3020 is a solvent-free, low odor, non-urethane associative thickener specifically designed to give an excellent balance of performance properties in low PVC gloss coatings. Its viscosity performance profile is similar to our DSX®-2004, demonstrating excellent high shear viscosities in these systems.

Specification

Appearance	Hazy, amber liquid, visual
Viscosity, cps N-114	750 - 1,250
Solids (%) JC-111-95	19.0 - 21.0
Specific Gravity N-226	1.0 - 1.1

Properties

Advantages

DSX®-3020 offers advantages over other associative thickeners in:

- Excellent flow and leveling
- Efficiency in ICI viscosity development
- Reduced or eliminated syneresis
- Superior scrub resistance
- Excellent shelf life for consistent efficiency in performance
- Clear non-settling non-separating solution

Application

In paint formulations, typical use levels can vary from 10 to 30 lbs. per 100 gallons of paint, depending on the system being thickened.

Combinations of DSX®-3020 with other DSX rheology modifiers can be used to attain a specific balance of high shear / low viscosities.

DSX®-3020 is usually added as the final ingredient in a formulation. However, in cases where there is limited agitation at this stage, addition of 10 - 20 % of the total quantity of DSX®-3020, just after the grind stage, can aid incorporation of the thickener.

Miscellaneous

PACKAGING, STORAGE AND HANDLING

DSX®-3020 is packaged in 55 gallon (200 liter) tighthead, polyethylene/steel composite drums. Storage in a cool, dry place away from direct heat is recommended. Additional handling information is contained in a material safety data sheet which is available on request.

Freight Classification

DSX®-3020 is classified as: Synthetic Resins, NOIBN (Resin and Resin Compounds).

Suggestions of processing and using our products are given with best knowledge and information but without obligation. COGNIS does not accept any guarantee to the suitability of a product for the user's specific purpose. Furtheron the user himself assumes a liability to follow all legal regulations by using our products. The user can only pass on our sample to third parties with previous assent of COGNIS.

