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Current Issue Date:
December, 2021
Version Number 1

Product Data Sheet

Alphatac™ 90S Hydrocarbon Resin

Alphatac 90S is a modified aliphatic hydrocarbon resin reinforced with styrene. It has a light yellow color and comes in a granular form. Alphatac 90S displays good compatibility with base polymers compared to a straight C5 resin. In addition to its many applications, it can be used as a tackifier for the formulation of pressure sensitive adhesives, hot melt adhesives, as well as other applications.

Physical Properties

Specifications

Softening Point, R&B°
(ASTM E-28)

85 - 95

Color Gardner (50% resin solids in toluene)
(ASTM D-1544)

Max 5 – Typical 3

Melt Viscosity @ 200°C, m.pa.s
(ASTM D-3236)

≤ 210

Acid Value (mg KOH/g)
(ASTM D-974)

≤ 1.5

Form: Granular
Package: 25kg bags, super sacks, bulk

Due to chemical structure and composition, granulated and flaked resins may be subject to clumping, blocking and/or fusing. The previously mentioned matters can be accelerated if materials are subjected to any or all of the following conditions: 1) storage of material is prolonged; 2) material is above the ambient temperature; 3) material is exposed to pressure, i.e. stacking pallets, or a compounding of the previously listed conditions.

In order to preserve the composition of the material, it is recommended to: 1) avoid prolonged storage of the material; 2) store the material in a temperature-controlled area; 3) use caution when stacking or applying pressure to the material.

Note: clumping, blocking, and/or fusing does not have negative effects on the material specifications.

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