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Product Data Sheet

Alphatac™ 120WW Hydrocarbon Resin

Alphatac 120WW is a water white hydrogenated, cycloaliphatic resin with low molecular weight that is produced through the polymerization and hydrogenation of cyclic ingredients. It is white in color and comes in a granular form. Alphatac 120WW has good heat resistance, compatability with base polymers, and is an excellent tackifier for hot melt adhesives, hot melt pressure sensitive adhesives, and solvent based pressure sensitive adhesives.

Physical Properties

Specifications

Softening Point, R&B° (GB/T4507)	115 - 125
Color Gardner (50% resin solids in toluene) (ASTM D-1544)	Max 0
Melt Viscosity @ 200°C (ASTM D-3236)	≤ 450
Acid Value (mg KOH/g) (ASTM D-974)	≤ 0.5
Molecular Weight (Mw g/mol)	400 – 800

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.

We believe the information contained in this document is reliable. However, this does not release our customers from the obligation to test the products supplied by us as to their suitability for intended process and end use. Since many of the applications, uses, and processing of the products are beyond our control, we cannot be held liable for any consequential service failures that occur.