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Product Data Sheet

Alphatac™ 100S Hydrocarbon Resin

Alphatac 100S is a petroleum-based, aliphatic hydrocarbon resin, reinforced with styrene, that is specifically designed to maintain its adhesion through rapid and gradual temperature changes. It is yellow in color and comes in a granular form. Alphatac 100S has excellent initial adhesion performance, and compatablity with a wide range of elastomers, including natural rubbers, synthetic rubbers, ethylene vinyl acetate, and styrenic block copolymers. It possesses qualities such as fast tack, stable adhesion performance, high thermal resistence, and a moderate melt viscosity. Alphatac 100S is recommended for the use in: tapes, adhesives, rubber, and sealants.

Physical Properties	**Specifications**
Softening Point, R&B° *(ASTM E-28)*	95 – 105
Color Gardner (50% resin solids in toluene) *(ASTM D-1544)*	Max 5 – Typical 3
Melt Viscocity @ 200°C *(ASTM D-3236)*	≤ 220
Acid Value (mg KOH/g) *(ASTM D-974)*	≤ 1.2
Bromine Value (g.Br/100g) *(ASTM D-1159)*	40 – 60

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.