



56 Milford Drive, Suite 100
Hudson Ohio 44236
330-653-9104

Current Issue Date:
December, 2019
Version Number 1

Product Data Sheet

Arotac™ 120WW Hydrocarbon Resin

Arotac 120WW is a water white aromatic resin with low molecular weight. It is produced from petroleum derived C9 fraction and hydrogenation through a thermal-polymerization technique. It is a color #0 and comes in the form of transparent granular solids. Arotac 120WW provides good water resistance, heat stability, and compatability with synthetic rubber, resins, and polymers. Arotac 120WW is recommended for use as a tackifier for hot melt adhesives (HMA), hot melt pressure sensitive adhesives (HMPSA) due to its good heat resistance and good compatibility with base polymers such as EVA, SBS & SIS.

Physical Properties

Specifications

Softening Point, R&B °C (ASTM E28)	120 ± 5
Color Gardner (50% resin solids in toluene) (ASTM D6166)	0
Bromine Number (g Br/100g) (ASTM D1159)	≤ 1.0
Acid Value (mgKOH/g) (ASTM D-974)	≤ 0.50

Form: Pastille
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.