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Product Data Sheet

CI-120 Hydrocarbon Resin

CI-120 is a hydrocarbon resin, ethylene by-product produced by C9 fraction through thermopolymerization. It is brown in color and comes in the form of flake solids. CI-120 has good solubility, water resistance, insulation, chemical stability over alkalis and acids, as well as good adhesive strength, and a low heat conduction. CI-120 is recommended for use in rubber, coatings, and adhesives.

Physical Properties

Specifications

Softening Point, R&B° (ASTM E-28)	115 – 125
Color Gardner (50% resin solids in toluene) (Methylbenzene Test 1:1)	9 – 20 – Typical 18
Bromine Value (gBr/100g) (HG2231-91-A)	70 – 110
Acid Value (mg KOH/g) (ASTM D-974)	≤ 1.0
Specific Gravity (ASTM D71-72A)	1.00 – 1.12
Ash Content (%) (ETM- E- 99)	≤ 0.1

Form: Flake
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.