EASTMAN

Technical Data Sheet

Eastman™ Resin 2336 Hydrocarbon Resin

Applications

- Rubber modification

Product Description

Eastman™ Resin 2336 Hydrocarbon Resin is a water clear, highly stable, nonpolar, low molecular weight thermoplastic polymer. This resin is compatible with a wide variety of synthetic rubbers and elastomers. It is as well soluble in many common organic solvents. It is indicated for use in rubber and plastics modification. Because of its unique compatibility and modifying properties for elastomers and polymers it is used in rubber and plastic modification to fine-tune application properties.

Typical Properties

Property[a]	Typical Value, Units[b]
General	
Melt Viscosity	
@ 120°C	10000 mPa·s
@ 140°C	1000 mPa·s
@ 180°C	100 mPa·s
Molecular Weight[c]	
M_n	600
M_w	1250
M_w/M_n	2.1
M_z	2000

[a] *Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.*
[b] *Units are in SI or US customary units.*
[c] *Size Exclusion Chromatography*

Storage

Due to the thermoplastic behavior, pastillated and flaked resins may fuse, block or lump. This can be accelerated under any of the following conditions: 1) above ambient temperature, 2) prolonged storage, 3) pressure, e.g., stacking pallets, or a combination of these conditions. This is particularly applicable for low softening point resin grades.

In order to maintain the flake or pastille shape, we therefore recommend storing the material in a temperature-controlled area, be careful with stacking material or applying pressure and preventing prolonged storage.

It should be noted that lumping does not have a negative impact on the product specifications. Due to the nature of the product, claims regarding lumping cannot be accepted.

Resins are prone to gradual oxidation, some more so than others. This could result in darkening and/or it could have an adverse effect on the solubility of the resin in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first.

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