

PRODUCT DATA

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Resinall 1000 Hydrogenated Hydrocarbon Resin

Product Description

Resinall 1000 is a fully hydrogenated cycloaliphatic hydrocarbon resin based on the thermal polymerization of dicyclopentadiene mixtures. This resin has very low color, low odor, and excellent thermal stability. It tackifies metallocene, ethylene vinyl acetate (EVA), styrenic block copolymers (SIS, SBS, and SEBS), and amorphous poly-alpha olefins. This balance of properties makes it ideally suited for use in hot melt adhesives for packaging and non-woven assembly.

Typical Properties¹

Property	Resinall Test Method	Units	Value
Ring & Ball Softening Point	RTM – 100	°C	100
Initial Gardner Color (100% solids)	RTM – 108		< 1
Initial Color (50% in Toluene)	RTM – 185/183	YI	1.2
Glass Transition Temperature (T _g)	-----	°C	42
Molecular Weight	-----		
- M _n		g/mol	550
- M _w		g/mol	950
- M _z		g/mol	1,730
- M _w /M _n			1.7
Melt Viscosity (Brookfield)	RTM – 109		
- Test Temperature		°C	140
- Viscosity		cP	3,200
Thermal Color Stability after aging at 175°C for 5 hrs. (50% in Toluene)	RTM-185/108	Gardner Color	<1
Thermal Color Stability after aging at 175°C for 5 hrs. (50% in Toluene)	RTM-185/183	YI	3

¹Typical properties are not product specifications. They are representative values that have been recorded in Resinall's laboratory.

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The information is based on experiments and data believed to be reliable. No warranty or guarantee is made as to accuracy or completeness. It is the users responsibility to determine the suitability and completeness of this information. Since application conditions are beyond our control, we can not guarantee results.

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