



TECHNICAL DATA SHEET

Neville Chemical Company
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NEVCHEM[®] 220

PRODUCT DESCRIPTION

NEVCHEM[®] 220 is a thermoplastic low molecular weight, C9 hydrocarbon resin produced by catalytic polymerization of mixed aromatic and alicyclic monomers derived from petroleum feedstocks.

APPLICATIONS / END USES

- Hot Melt Adhesives
- Adhesives and Sealants
- Solvent Based Adhesives
- Building and Construction Adhesives
- High Solids Solvent-Borne and Epoxy Based Coatings
- Asphalt Modification

ATTRIBUTES / BENEFITS

- Excellent Compatibility with a Broad Range of Polymers and Elastomers
- Compatible with Short, Medium and Long Oil Alkyds
- Enhanced Wetting of Pigments and Fillers
- Improved Resistance to Acids and Alkalis
- Provides Excellent Leafing Characteristics for Metallic Pigments
- Improves Gloss
- Hydrophobic-Improved Moisture Resistance
- Soluble in Most Common Hydrocarbon Solvents
- Good Thermal Stability
- Low Molecular Weight
- Light Color and Odor
- Low VOC

PROPERTIES

Property	Test Method	Typical Value	Specifications
Softening Point, R&B °C	ASTM E28	117	120 ± 5
Gardner Color (50% in 100 Solvent)	ASTM D1544	5	7 max.
Specific Gravity @ 25°C	ASTM D71	1.07	NA
Brookfield Viscosity, cps @ 160°C @ 180°C	ASTM 3236	2,520 540	NA
Molecular Weight Mn Mw	ASTM D3536	640 1,225	NA
Appearance	Visual	Light Yellow	NA

PACKAGING

NEVCHEM[®] 220 Resin is shipped in 50 lb. (22.7 kg.) bags or super sacks

Neville Chemical Company certifies that all components of this product are on the TSCA Inventory.