



# TECHNICAL DATA SHEET

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CUMAR<sup>®</sup> 105

## PRODUCT DESCRIPTION

CUMAR<sup>®</sup> 105 is a thermoplastic low molecular weight, hydrocarbon resin produced by catalytic polymerization of predominantly indene and other aromatic monomers.

## APPLICATIONS / END USES

- Adhesives and Sealants
- Construction Adhesives
- High Solids Solvent-Borne and Epoxy Based Coatings
- UV Ink Modifier
- Processing Aid and Tackifier for Tire and Rubber Compounds
- Concrete Cure
- Asphalt Modification

## ATTRIBUTES / BENEFITS

- Compatible with Short, Medium and Long Oil Alkyds
- Enhanced Wetting of Pigments and Fillers
- Improved Resistance to Acids and Alkalis
- Provides Excellent Leafting Characteristics for Metallic Pigments
- Improves Scorch Time
- Hydrophobic-Improved Moisture Resistance
- Good Thermal Stability
- Low Molecular Weight, VOC and Odor

## PROPERTIES

Property	Test Method	Typical Value	Specifications
Softening Point, R&B °C	ASTM E28	104	105 ± 5
Gardner Color (50% in 100 Solvent)	ASTM D1544	11	12 Max
Specific Gravity @ 25°C	ASTM D71	1.08	N/A
Brookfield Viscosity @ 160°C, cps.	ASTM D3236	1,065	NA
Molecular Weight, No. Avg., GPC Mn Mw	ASTM D5296	520 1,325	N/A
Appearance	Visual	Amber	

**PACKAGING:** CUMAR 105 Resin is shipped in 50 lb. (22.7 kg.) bags or super sacks.

**TSCA Status:** Neville Chemical certifies that all components of this product are on the TSCA Inventory.

**FDA STATUS:** CUMAR 105 Resin is an approved substance as defined by the following United States Food and Drug Administration regulations:

175.105            Adhesives  
177.2600          Rubber Articles Intended for Repeated Use

The formulator must comply with all other requirements of the FDA regulations, including conditions of use and extractive tolerances of the total compound or formula.