



# TECHNICAL DATA

NEVILLE CHEMICAL COMPANY  
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## CUMAR® R-27,10° Resin

6/1/09

**CUMAR® R-27,10° Resin** is a viscous liquid, light amber colored hydrocarbon resin. Due to its low unsaturation and other properties, formulators will find that it is resistant against oxidation, moisture, alkali and dilute acids. Furthermore, its low softening point allows this resin to be useful as a non-drying plasticizing resin. It is primarily used in the manufacture of rubber compounds and waterproofing.

CUMAR® R-27,10° Resin		
Physical Properties	Typical Properties	Specifications
Softening Point, R&B°C (ASTM E-28)*	10	10 ± 5
Color Gardner (50% in 100 Solvent) (ASTM D-1544)*	10	16 maximum
Specific Gravity @ 25°C (ASTM D-71)*	1.05	---
Iodine No., Wijs (ASTM D-1959)*	105	---
Flash Point, °F (COC) (ASTM D-92)*	370	---
Molecular Weight, No. Avg., GPC (ASTM D-3536)*	230	---
Acid Number (Modified ASTM D-974)*	<1	---
Saponification Number (Modified ASTM D-94)*	<1	---
Form	Viscous Liquid	---
* Referenced Test Method		

**PACKAGING:** CUMAR® R-27,10° is shipped liquid in drums, 410 pounds net weight.

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

FDA STATUS	
CUMAR® R-27,10° 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.	

Due to storage conditions, warehousing practices and climate, flaked resins may remass (revert to a solid form). Because these variables cannot be controlled by Neville Chemical Company, no guarantee, either implicit or explicit, is made by the manufacturer. The sale of Neville Chemical Company products is subject to the terms and conditions set forth in the contract, invoice, and/or bill of lading. No warranty is expressed or implied regarding: the use of these data or products, the results obtained from the use of these data or products, or the freedom from any patent infringement from the use of these data or products.