TECHNIC® CCR120

TECHNICAL DATA SHEET

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Product
TECHNIC® CCR120

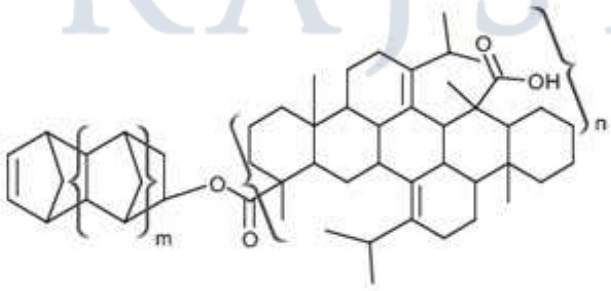
Classification
Modified Dicyclopentadiene Resin
DCPD, Rosin Polymer
Synthetic Resin
Cut & Chip Resistance Resin
Chunking & Chipping Resistance Resin
Modified DCPD Resin

Composition
Thermoplastic Resin from the polymerization of Dicyclopentadiene with Rosin

Physical Properties

Property	Technic CCR120
Appearance Specific Gravity	Flakes or Pastilles 1.07 (Typical)
Color	Dark Red to Reddish Brown
Softening Point	120 – 130 °C
Acid Value	5 – 20 mg KOH/g
Iodine value	115 – 135
Ash Content@ 750°C/2 h	0.5 % Max
Moisture content	0.7 % Max

General Chemical Structure of Technic CCR120 Resins



Applications
Technic CCR120 Resins are designed to improve the cutting, chunking and chipping resistance of tire treads. In rubber compounds, CCR resins could provide high tensile strength, high elongation at break, good dynamic stiffness and excellent tear strengths properties.

Other major usages are in Adhesives, such as Pressure-sensitive adhesives, Hot-melt adhesives, Coatings, Paints, Printing Inks and Rubber Compounds

Storage:
The material can be stable for 24 months under the normal storage conditions. However, precautions must be taken to avoid exposure to sunlight and always, store the material in a sealed container under the dry and cool conditions.

Refer MSDS for more details

Shelf Life
24 months from the date of manufacturing

Note:
Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. TWPL gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that law prevents such exclusion.

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