

DuPont Performance Polymers Neoprene AD-5 Polychloroprene Rubber (discontinued **)

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Description: Chloroprene polymer designed for use in high strength solution adhesives requiring rapid rates of strength development. More color-stable than neoprene AC during storage. Processing and Performance Features: Primary use is in contact adhesives that require high initial and ultimate bond strength and ability to form bonds with minimum pressure after long open assembly periods. Neoprene AD can be dissolved without milling, or can be milled before solution (for rheology control), to cover a broad range of solution viscosity. It is soluble in solvents with various evaporation rates. Compounded adhesives can be stored in iron containers without the discoloration experienced with compounds based on Neoprene AC. Information provided by manufacturer. This former DuPont Dow Elastomers product line is now produced by DuPont Performance Elastomers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Neoprene-AD-5-Polychloroprene-Rubber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	
Brookfield Viscosity	1.10e+7 - 1.80e+7 cP @Temperature 25.0 °C	1.10e+7 - 1.80e+7 cP @Temperature 77.0 °F	6 rpm or 3 rpm depending on viscosity

Descriptive Properties	Value	Comments
Crystallization Rate	Rapid	
Physical Form and Color	White to light yellow chips; discolors in light	
Polymer Type	Chloroprene homopolymer	
Solubility	Soluble	in aromatic hydrocarbons and mixtures with esters, ketones, aliphatic hydrocarbons, and selected chlorinated solvents
Stability	Excellent	storage at temperatures below 21°C will retard darkening of color and gradual increase in viscosity.

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