

Vorite* 63

Technical Data Sheet

Product Identification

Vorite 63 is a 100% solids prepolymer based on toluene diisocyanate. It is a pale amber product that has an isocyanate functionality of 2-2.5. Stringent processing techniques make this derivative appropriate for medical sealant and coating applications.

Physical Properties

Property	Typical Value
Appearance	Clear, viscous amber liquid
Color, Gardner	5 maximum
Isocyanate Content (%NCO)	14.58
Free TDI Content (%)	8 - 14
Equivalent Weight	290
Functionality	2 - 2.5
Viscosity, cP @ 25°C	18,800
Specific Gravity, 25°C/25°C	1.110
Density, lbs./gal, 25°C	9.26
Non-Volatile, %	100
Pour Point (°C)	4

Applications

- Formulation of 100% solids polyurethane sealants and coatings
 - Property advantages such as flexibility, toughness, moisture resistance and hydrolytic stability
 - Urethane Intermediates, Polymers
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Storage Recommendations

- Product must be stored above 0°C.
 - Exposure to moisture should be minimized. Keep ideally at 15-30°C.
 - Store in sealed containers filled with dry atmosphere after each use.
 - Shelf life of 12 months from date of manufacture (unopened containers).
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For toxicity or regulatory information please consult the Safety Data Sheet.