

ACC EP Primer 28 EPI Engineered Polymers Aromatic polyisocyanate Prepolymer

Category : Polymer , Adhesive , Thermoset

Material Notes:

EP Primer 28 is a polyisocyanate prepolymer based on diphenylmethane diisocyanate (MDI). As corrosion-resistant primers, coatings based on EP Primer 28 polyisocyanate can be formulated to contain zinc as zinc-rich primers that give galvanic protection. To ensure satisfactory intercoat adhesion, recoating intervals must be determined. The high NCO content of EP Primer 28 also makes it an important curing agent for two-component systems. EP Primer 28 polyisocyanate is an outstanding material for moisture-curing one-component formulations and is highly recommended to prime and seal porous substrates. Clear formulations of this type are effective dust-binding impregnants as well as sealers for cement and other substrates because they can protect the substrate from chemicals, deicing salt, and mineral oils. Coatings based on EP Primer 28 polyisocyanate are also used for mold releasing in the building and construction industries. Because of their good resistance to alkalis, they are suitable adhesion primers for solvent-free coating compositions based on ReactAmine® polyisocyanates, ReactAmine® polyesters, and ReactAmine® polyethers. Appropriate catalysts may be added to coatings formulated with EP Primer 28 to influence the curing reaction rate. EP Primer 28 contains 15.5-17.5% NCO, and its equivalent weight is 255 (avg.). Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-EP-Primer-28-EPI-Engineered-Polymers-Aromatic-polyisocyanate-Prepolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	
Solids Content	100 %	100 %	
Viscosity	520 - 700 cP @Temperature 25.0 °C	520 - 700 cP @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Flash Point	>= 238 °C	>= 460 °F	Pensky-Martin closed cup

Descriptive Properties	Value	Comments
Color	Brown	

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