

Product Data Sheet

April 2006

D-Cure 515X70

Product description

D-Cure 515X70 is a polyamide curing agent in xylene solution. This curing agent is characterised by outstanding mechanical properties (particularly flexibility and adhesion), elevated resistance to chemicals and excellent water resistance and anti-corrosion properties.

Combined with solid epoxy resins ($EEW \geq 450$), **D-Cure 515X70** enables to obtain long pot-life systems (several hours).

Product applications

D-Cure 515X70 is used in combination with solvent-borne epoxy resins in the formulation of two-pack ambient curing systems. This product is particularly suited for the formulation of coatings to be applied on metal or on mineral surfaces, in particular for producing anticorrosive paints exhibiting a high resistance to chemicals.

Product characteristics

Viscosity ^a @ 25°C	(mPa.s)	:	800 - 1500
Gardner color		:	10 max
Specific gravity @ 20°C	(g/cm ³)	:	0.94
Solids content	(wt %)	:	70
Solvents: xylene	(wt %)	:	30
HEW ^b	(g/mol H)	:	340

a Brookfield viscosity

b HEW : Hydrogen Equivalent Weight (g/mol) for product as supplied

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The information provided is to the best of our knowledge reliable but its accuracy is not guaranteed and no warranty of this kind is made

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System characteristics

phr ^c with type 1 solid resin (EEW ^d = 450 - 500) :	70
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c phr : Parts per Hundred Parts of resin

d EEW : Epoxy Equivalent Weight (g/mol) for solid resin