

# Technical Data Sheet



## Elevance Inherent® C18 Diacid

### Product Description

Long-chain dicarboxylic acid (1,18-Octadecanedioic acid)

### Applications

Chemicals and plasticizers  
Specialty polyamide engineering plastics and fibers  
Polyester films, fibers, adhesives and coatings  
Powder coating curative  
Polyurethanes CASE (coatings, adhesives, sealants, elastomers)  
Plastics processing, binders, inks/toners/photographic  
Textiles, pharmaceuticals

### Monomer Uses in Various Polymers

Improves chemical resistance	Increases reactivity
Increases toughness	Reduces melt properties
Increases flexibility	Increases solvent resistance
Improves water resistance	

### Technical Chemical / Physical Properties

Chemical & Physical Analysis	Value	UOM	Method
Appearance	White, crystalline powder		Visual
C18 Diacid Purity Level	90 min	wt.%	GC
Total Dibasic Acids	99 min	wt.%	GC
Total Monobasic Acids	0.5 max	wt.%	GC
Color (440nm)	60 min	%T	spectrophotometric
Color (550nm)	85 min	%T	spectrophotometric
Acid Value	350-360	mg KOH/g	AOCS Cd 3d-63

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