

PRODUCT DESCRIPTION

CYCAT® 6020 catalyst is an amine-neutralized dodecylbenzene sulfonic acid supplied in isopropanol. It is recommended for use as a catalyst to accelerate the cure of amino crosslinking agents and provide improved package stability. As a general rule, systems which employ a blocked catalyst will have a decreased rate of cure compared to those containing an unblocked catalyst, however, package stability with an unblocked catalyst will be poor.

BENEFITS

- Provides excellent formulated package stability
- Can be used in both solvent-borne and water-borne systems

APPLICATION AREAS

- Automotive clear coats
- Can and container coatings
- General industrial coatings

PHYSICAL/CERTIFIED PROPERTIES

Property	Value	Method
Acid Value (mg KOH/g)	69 - 79	ISO 2114
Appearance	Clear	Amber Liquid
		ASTM E284

TYPICAL PROPERTIES (NOT CONTINUALLY MEASURED)

Property	Value	Method
Color, Gardner	≤ 8	DIN 4630:2015
Solids, wt%	~56	
Density (Liquids), g/cc	~0.95	ASTM D1475-13

SOLUBILITY

CYCAT® 6020 catalyst is soluble in oxygenated solvents such as alcohols, glycols, glycol ethers and water. It has limited in ketones, esters, and hydrocarbon solvents.

CATALYST ADDITION

CYCAT® 6020 catalyst contains approximately 40% active acid having an equivalent acid number of 70-75 making it 55% as active as CYCAT® 600 catalyst.

Recommended levels at various cure temperatures are as follows:

Cure Temperature	CYCAT® 6020 catalyst ¹
> 150	1.0%
125 - 150	2.0%
110 - 125	4.0%

¹ Percent catalyst solution based on total resin solids

STORAGE STABILITY

CYCAT® 6020 catalyst has a standard shelf life of 1080 days from the date of manufacture when stored in original unopened containers at temperatures below 32°C.

The expiration date may be extended and COA updated after QC testing of retained samples, only for material in allnex possession.

SAFETY AND HANDLING

Please consult the Safety Data Sheet for safety, health, and environmental data.