

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 EN ISO 4630-1
Solids, wt%	~56	
Density (Liquids), g/cc	~0.95	DIN EN ISO 2811-2

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 shelf life of 365 days when stored at temperatures below 32°C.