



Synthetic Resin and Polymer

**Acrylic Thermoplastic (75% X/S100) - Code: 1 2 8 5 1**

## Description

Zhav's acrylic resin with code 12851 is a thermoset hydroxyl resin, solvent in solveso (naphtha) and xylene

## Application

Zhav acrylic resin with code 12851 is used in combination with amino resins for automotive systems (OEM). This resin with a very high solid percentage has very favorable properties for use in automotive systems. This resin has excellent appearance and very good mechanical, acid and solvent resistance.

## Specifications

Property	Value	Units	Method
			ISO
Non-volaties	74-76	%	3251
Acid value (as such)	3 – 5	Mg KOH/g	3682
Viscosity (23°c , 50s)	8000-9400 (at 74%)	cPa.s	3219
	8300-9600 (at 75%)	cPa.s	
	8500-9900 (at 76%)	cPa.s	
Color	Max 50	APHA	6271
Appearance	Clear < free of extraneous matter		

## Combination of solvents

Xylene- 60%

Solveso100- 40%

## Applied technical specifications

Test	Data	Unit	Method
density	1.02	g/cm <sup>3</sup>	DIN 53217
Flash point	29	°c	DIN 53213
Water content	Max 0.1	Wt.%	

## Solubility

Solvent	Result	Percent
Solvesso 100 - 150	Complete	100%
Xylene	Complete	100%
Toluene	Complete	100%
Acetone	Complete	100%
n-Butyl acetate	Complete	100%
Methoxy propyl acetate	Complete	100%
Ethyl acetate	Complete	100%

## Storage

12 Months at storage temperature below 30 °c in dry place