



Synthetic Resin and Polymer
Acrylic Polyol (55% X) - Code : 1 2 1 8 6

Description

Zhav Acrylic polyol 12186(55% X) In combination with aliphatic poly-isocyanates excellent adhesion on metals such as aluminum, steel, zinc plated steel, stainless steel, concrete, excellent mechanical properties. Good outdoor durability and quick drying.

Application

Zhav 12186(55% X) is hydroxyl acrylic resin intended for crosslinking with isocyanate resins for two component air drying topcoats for metal.

Enamels based on 12186(55% X) gives films with good adhesion, hardness, gloss and elasticity. They are suitable for industrial applications, automotive paints and high - grade industrial paints.

Specifications

Property	Value	Units	Method
			ISO
Non-volaties	54-56	%	3251
Acid value (as such)	1.2-3.2	Mg KOH/g	3682
Viscosity (23°c , 50s)	1600-2000 (at 54%)	cPa.s	3219
	1700-2100 (at 55%)	cPa.s	
	1800-2200 (at 56%)	cPa.s	
Color	Max 50	APHA	6271
Appearance	Clear < free of extraneous matter		

Combination of solvents

Xylene 97% - Butyl acetate 3%

Applied technical specifications

Test	Data	Unit	Method
density	0.99	g/cm ³	DIN 53217
Hydroxyl content	1.8 %	On solid resin	
Flash point	29	°c	DIN 53213
Water content	Max 0.1	Wt.%	

Solubility

Solvent	Result	Percent
Solvelso 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

