



Synthetic Resin and Polymer
Acrylic Thermoplastic (45% X) - Code : 1 2 0 7 0

Description

Zhav thermoplastic acrylic resin, code 12070, is a pure acrylic resin that has an excellent quality in adhesion and corrosion resistant.

Application

Zhav thermoplastic acrylic resin, code 12070, is designed to make dry air paints and primers for adhesion on various surfaces, especially polymer and plastic surfaces. Also, this resin is fully compatible with polyolefin chlorine resins (CPO), which can be used to make paints and primers for polymer surfaces.

Specifications

Property	Value	Units	Method
			ISO
Non-volaties	44-46	%	3251
Acid value (as such)	< 11	Mg KOH/g	3682
Viscosity (23°C , 50s)	750-1600 (at 44%)	cPa.s	3219
	800-1800 (at 45%)	cPa.s	
	900-2000 (at 46%)	cPa.s	
Color	Max 60	APHA	6271
T. g	>60	° C	
Appearance	Clear < free of extraneous matter		

Combination of solvents

Xylene 100%

Applied technical specifications

Test	Data	Unit	Method
density	0.95	g/cm ³	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