



Synthetic Resin and Polymer

**Acrylic Thermoplastic (60% X/S100) - Code: 1 2 7 2 5**

**Description**

Zhav thermostatic resin, code 12725, is a special acrylic resin which is used in automotive fabric paints (OEM). This resin is designed for heat drying based on acrylic-melamine.

**Application**

Zhav thermostatic resin, code 12725, has been prepared for making car base coats. This resin with its specific character has very high quality in various aspects of adhesion, gloss, UV resistance and other chemical and corrosion resistances. This resin can be used with cellulose acetate butyrate (CAB) resins.

**Specifications**

Property	Value	Units	Method
			ISO
Non-volaties	59-61	%	3251
Acid value (as such)	<6	Mg KOH/g	3682
Viscosity (23°C , 50s)	1600-2200 (at 59%)	cPa.s	3219
	1800-2400 (at 60%)	cPa.s	
	1900-2500 (at 61%)	cPa.s	
Color	Max 40	APHA	6271
Appearance	Clear < free of extraneous matter		

**Combination of solvents**

Xylene- 60%  
Solveso100- 40%

**Applied technical specifications**

Test	Data	Unit	Method
density	0.99	g/cm <sup>3</sup>	DIN 53217
Flash point	26	°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