

Type

Hydroxyl Acrylic Resins

Solid Content: 60% OH Content: 2.7%

Application

Applied to low temperature quick repair paint and industrial coatings.

Characteristics

- 1、 Ultra-fast drying
- 2、 Hardness increase;
- 3、 Good constructability;
- 4、 Good weather resistance;
- 5、 Low curing agent requirements.

Property

Component :	Acrylic copolymer
Appearance:	Clear and bright
Solid Content (%):	60±2
OH Content (%):	2.7
Viscosity (mPa.s/25°C):	700-1300
Acid Value (mgKOH/g):	8-12
Solvent :	BAC
Color:	≤1(Fe-Co)

Solvent dilutability

It can be diluted with toluene, xylene, ethyl acetate, propylene glycol methyl ether acetate and other solvents.

Packing

200kg/ Berrel

Storability

- Keep away from fire source, placed in a cool ventilated place, keep container tightly.
- Shelf time:12 months.

Safety

This product contains solvent, Please be careful operation, avoid contacting with skin and eyes, other information please refer to the material safety instruction.

Reference formula

Clearcoat formulation		Curing agent formulation	
materiel	content (%)	materiel	content (%)
YZ-H631	75	N3390	32
Levelling agent	0.3	Ti	0.3
1%T-12	3	BAC	34
Mixed solvent	21.7	XYL	33.7

Construction proportion
clearcoat: Curing agent
=2:1 (Mass ratio)

Clearcoat parameter

Clearcoat parameter	
Clearcoat solid content %	45
Clearcoat Viscosity S/25°C	24-26s
Construction solid content %	39.6
Construction Viscosity S/25°C	14-16s
1h Working fluid viscosity S/25°C	18-20s

Inspection technical index

Dry condition	YZ-H631 Varnish can be polished for a time
Self-drying temperature (temperature: 28.5°C humidness: 75%)	60min around
Baking: 60°C/15min	15min
Low temperature below 5 degrees Celsius self-drying	2.5-3h