



# BX-PSR-207 Acrylic Acid Modified Organic silicone resin

## I. Product Description

### Basic Features:

This product is produced from silanol which is hydrolyzed from phenyl monomer, methyl monomer and special acrylic monomers by specific process. It has the advantages of both acrylic resin and silicone resin, such as good heat resistance, anticorrosive properties, strong adhesion and good gloss. It can be solidified at low temperature. It is suitable for the preparation of various series of high temperature resistant coatings, weather resistant coatings and H - Grade organic silicon insulating paint.

## II. Technical Specifications

Type	BX-PSR-207 series acrylic acid modified silicone resin				
	207/1	207/2	207/3	207/4	207/5
Appearance	Colorless to light yellow transparent liquid, opalescence is permitted				
Solid content, %	50 ± 1				
Viscosity(4#cup, 25°C, S)	> 120	> 100	> 80	> 60	20-60
Drying time, ≤	Surface drying 0.5h, drying by heating 180°C 0.5h			Surface drying 1h, drying by heating 180°C 1h	
Heat resistance(Varnish: float type aluminum powder=4:1, 200-600±10°C, 3h)	No peeling, no cracking, no blistering				

Note: The above data are for reference only and are not guaranteed technical specifications.

## III. Packaging and Storage:

This product is packed in 200kg iron drum, stored in a cool and dry place, avoid direct sunlight, avoid acid and alkali contact. Stored and transported as dangerous goods.

## IV. Instructions:

1. It can be cured at room temperature with two components, combined with isocyanate curing agent such as Bayer 3390, N75, etc, the addition amount is 10- 20% of the total resin.
2. High temperature curing, heating up to 180°C for one hour curing. It can also cooperate with amino resin to shorten curing time.
3. This product contains toluene, xylene and other flammable and explosive solvents. Attention should be paid to enhancing site ventilation during processing. Pay attention to fire prevention, anti-static, strictly cut off fire sources. Operators should pay attention to labor protection.