



# 安庆市虹宇化工有限责任公司

## ANQING HONGYU CHEMICAL CO.,LTD

WEIER ROAD, 1.3 SQUARE KILOMETERS INDUSTRY PARK, ANQING ECONOMIC DEVELOPMENT ZONE, ANHUI PROVINCE.

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### INSTRUCTION OF POLYAMIDE HOT MELT ADHESIVE

Polyamide Hot Melt Adhesive is the polycondensate of dimer acid and diamine. It is solid at room temperature, but liquid under melting state with good liquidity and adhesive ability, and will form high strength adhesion after solidifying and cooling. Polyamide hot melt adhesive has excellent thermostability and flexibility, as well as good solubility & melting properties at low temperature.

1. Chemistry name: polyamide hot melt adhesive.
2. Appearance: light yellow granular transparent solid.
3. Properties: non-toxic, no irritant, dissolve in most organic solvents, insoluble in water. polyamide hot melt adhesive has a good solubility at low temperature, high temperature melting, excellent thermal stability and strong flexibility stretchability.
4. Application: mainly used for attire, shoes, leather, electronic devices, melting adhesive. Also used for wood, plastic, metal, ceramics etc.
5. Packing: kraft bag lined with plastic bag, 25kg/bag net.
6. Storage: to be stored in cool, ventilated and dry place.

Item	Index				
	HY-208A	HY-208B	HY-208C	HY-208E	HY-288
Acid value (mgKOH/g)	≤5	≤5	≤5	≤6	≤5
Amine value (mgKOH/g)	≤5	≤5	≤5	≤6	≤5
Solvent viscosity* (mPa · s/25℃)	150-190	200-300	250-450	250-450	200-400
Melt viscosity (mPa · s/160℃)	1500-3000	2000-4500	2000-5000	3000-8000	2000-4500
Softening point (℃)	105-115	105-115	100-110	110-130	95-105
Color (Fe-Co)	≤8	≤8	≤8	≤8	≤8

\*40% Polyamide Hot Melt Adhesive, 60% Mixed reagent (Quantity Ratio--xylene: absolute ethyl alcohol: isopropyl alcohol =1:1:1 )