

# BITONER® BT-2104

Thermoplastic

Qingdao Bater Chemical Co., Ltd.

## Message:

BITONER BT-2104 is thermoplastic, low molecular weight, slightly yellow aliphatic resin obtained from petroleum-derived monomers. Characterized by low molecular weight, narrow MWD, low wax cloud point, good compatibility with APP, APAO, Natural Rubber, SIS, Butyl Rubber and other polymers, this grade is mainly used in PSA, Hot Melt Adhesive and Sealants.

### Characteristics:

Excellent compatibility with SIS, and other polymers

Good thermal stability

Low Molecular Weight and Narrow MWD

Low Wax Cloud Point

Low volatility and low odor

Water resistance

### Applications:

HMPSA

Solvent based PSA

Hot Melt Adhesive

Sealants

General Information			
Features	Aliphatic		
	Good Thermal Stability		
	Low Molecular Weight		
	Low to No Odor		
	Low to No Water Absorption		
	Narrow Molecular Weight Distribution		
Uses	Adhesives		
	Sealants		
	Seals		
Appearance	Yellow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920 to 0.990	g/cm <sup>3</sup>	Internal Method
Acid Value	< 0.30	Mg KOH/g	ASTM D974
Color - 50% resin solid in Toluene	Max4#		ASTM D1544
Softening Point <sup>1</sup>	95 to 105	°C	ASTM E28
Melt Viscosity (175°C)	< 500	mPa·s	ASTM D3236
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature <sup>2</sup>	55.0	°C	
NOTE			
1.	Ring & Ball		
2.	midpoint		

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