



# SANHO CHEMICAL CO., LTD.

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## TOHMIDE 558

TOHMIDE 558 is a solid-type fatty polyamide resin especially designed for HOT-MELT STRUCTURAL ADHESIVE uses. It has superior processing properties for its ready-to-apply nature due to the lower molten viscosity. Optimum application temperature of TOHMIDE 558 is in the range of 180°C ~ 200°C. TOHMIDE 558 shows excellent adhesion onto various types of plastics, and steel, as well as onto many other surfaces, giving very tough bonding and sealing strength.

TOHMIDE 558 may be applied either by hand or manually operated "hand-guns". An automatic dispensing equipment with a nozzle or a wheel applicator may also be benefited.

### 1. SALES SPECIFICATIONS OF TOHMIDE 558

Appearance	: Brown Pellets
Softening Point (°C)	: 160 ± 5°C
Molten Viscosity (poises, at 200°C )	: 3.0 ~ 8.0
Colour ( Gardner )	: 12 Max.

### 2. SOLUBILITY

Solvent	Mixing Ratio(*)	TOHMIDE 558	Result (**)
Methanol / Toluene	1 / 1	25%	S
Isopropanol / Toluene	1 / 1	15%	S
Methanol / Chloroform	1 / 3	25%	S

\* Mixing Ratio in Weight

\*\* S means Stable more than one week

### 3. COMPATIBILITY (1)

Plasticizer	Concentration of plasticizer ( % in weight )		
	10%	15%	25%
Phosphoric ester	C	C	C
Epoxidized fatty-acid ester	C	C	H
Rosin ester	C	C	C

### COMPATIBILITY (2)

Plasticizer	Concentration of plasticizer ( % in weight )		
	20%	50%	80%
Rosin	C	C	C
Estergum	C	C	C
Rosin modified maleic resin	C	C	C
Phenol	C	C	C
Ethylene Vinyl Acetate	I	I	H

C : Compatible

SH : Slight Turbid

H : Turbid

I : not Compatible



