



SANHO CHEMICAL CO., LTD.

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TOHMIDE TXC-244C

TOHMIDE TXC-244C is a high molecular weight polyamide resin especially designed for hot melt-adhesive use. This resin has the characteristics of high softening point, and high molten viscosity so that it is suitable for applications where high heat resistance 、 high creep strength 、 high adhesive strength required and it is especially application for low pressure moulding 。

1. TYPICAL SPECIFICATIONS

Appearance	: Brown pellet solid.
Viscosity (mPas / 200°C)	: 2,000 ~ 5,000
Color (Gardner)	: 10 MAX.
Softening Point (°C)	: 160 ± 5
Acid Value (mg-KOH / gm)	: 10 MAX.
Amine Value (mg-KOH / gm)	: 2 MAX.
Specific Gravity (25/25°C)	: 1.01

2.SHORE-A HARDNESS

Measured Temperature °C	Shore-A Hardness
23	97
40	93
60	88
80	78
100	71
120	53

Measure shore –A hardness after storing one hour at each measuring temperature

3.HEAT CREEP TEMPERATURE

Shear creep temperature : 150°C

Remarks: Test Specimen-Steel(25mmx25mm) Weight-500g Heating speed-2°C/5min

4.PEEL STRENGTH

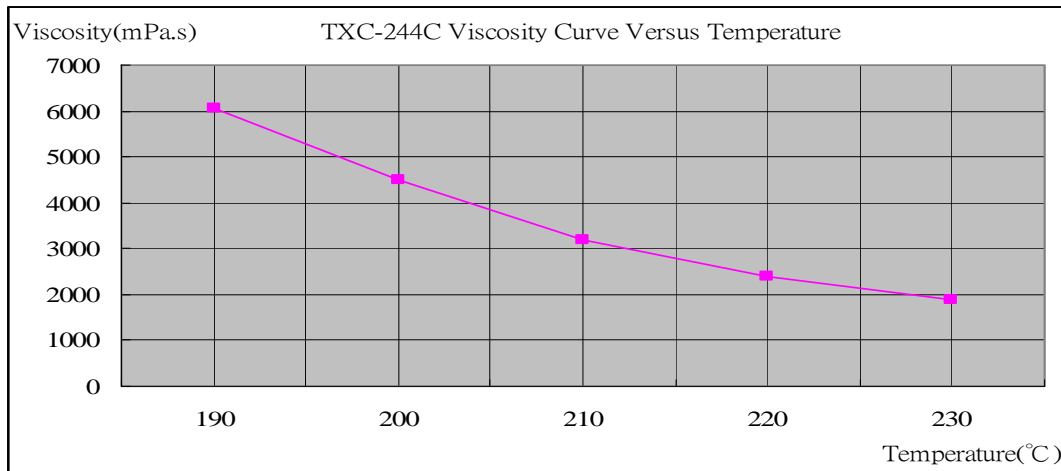
Maximum Peel Strength : 135 N/25mm
Average Peel Strength : 84 N/25mm

Remarks: Test Specimen - Steel/Canvas Tensile Speed : 50mm/min, At 23°C 50%RH

5. WATER ABSORPTION

Open Time(Second)	: 28
Water Absorption(%)	: 0.4(23°C x30Days,RH50%)
Water Absorption(%)	: 0.7(23°C x1Days,In Water)
Water Absorption(%)	: 2.5(23°C x30Days,In Water)

6. VISCOSITY CURVE VERSUS TEMPERATURE



7. APPLICATION TEMPERATURE

180 °C ~ 200 °C

8. PACKAGING

20 kg net, paper bag.

9. STOREGE CONDITIONS

Store in fireproof construction which equipped with necessary facilities such as light and ventilation do not make resin- pellet contaminate with high humidity and water do not store in the direct sunlight and hot place Use a container of an anti-static materials