

# ALFASTER T 233

**PRODUCT DESCRIPTION:** ALFASTER T 233 is a diethylene glycol, high aromaticity polyester polyol ( DMT based )

**APPLICATION:** Rigid PIR polyisocyanurate foam ( continuous lamination, pipe insulation ) It gives foam with excellent mechanical properties, very good high temperature resistance and fire retardant properties.

**PRODUCT SPECIFICATIONS:**

Appearance at 20°C:		amber liquid
Hydroxyl Value:	mg KOH/g	240-260 EN ISO 2554
Acid Value:	mg KOH/g	max. 1.5 EN ISO 2114:1996
Viscosity at 25°C:	mPa·s	5000-11000 ISO 2555
Water Contents:	%	max. 0.15 ISO 760:1978

**OTHER PROPERTIES:**

Molecular weight:	approx.	450
Density 25 °C:	kg/dm <sup>3</sup>	1.24

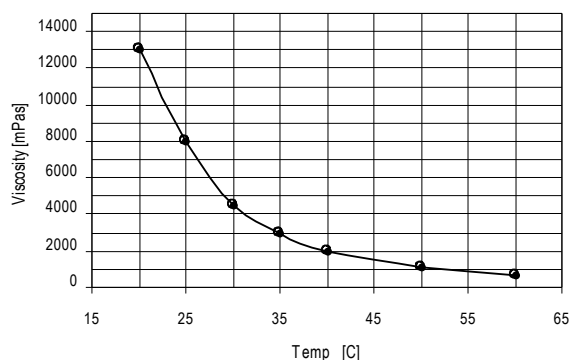
**STORAGE:** ALFASTER T 233 has a shelf life of 6 months, in unopened drums or containers. Storage temperatures of ( 15-40 °C ) are recommended.

**PACKAGING:** Bulk, 1000kg net IBC, steel drums containing 220kg net.

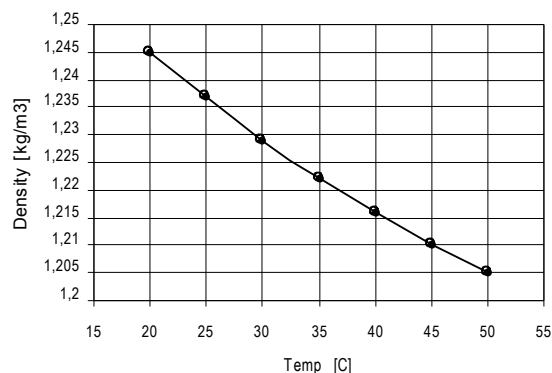
**SAFETY:** Product does not create any potential hazard, while handled with precautions in accordance with Material Safety Data Sheet

**VISCOSITY AND DENSITY VARIATION WITH TEMPERATURE:**

VISCOSITY



DENSITY





## BASIC SAFETY INFORMATION

### **This product causes irritation.**

Keep away from heat, direct sunlight, open flame, or other source of ignition. Keep container closed, and do not inhale vapour. Provide sufficient ventilation. Avoid contact with skin and eyes, wear eye and skin protection equipment.

### **Hand protection:**

When skin exposure may occur, gloves should be used. Barrier creams may help to protect exposed areas of the skin, but are not substitutes for full physical protection.

Eye protection:

Eye protection/safety glasses, designed to protect against liquid splashes should be worn.

### **Skin protection:**

Cotton or cotton/synthetic overalls, or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water.

### **Storage and handling**

Handling:

Keep the container tightly closed. Avoid skin and eye contact. Eating and drinking should be prohibited in areas of storage and use.

For personal protection, see MSDS. Never use pressure to empty - the container is not a pressure vessel. Always keep in containers made of the same material as the supply container. Keep to the security- and health regulations in the workplace.

Storage:

Store between 15 and 40°C in a dry place. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents, strong alkaline and strong acidic materials.

### **First Aid measures**

Inhalation:

Remove patient from exposure.

Eye contact:

Irrigate copiously with clean, fresh water for at least 10 minutes - holding the eyelids apart, and seek medical advice.

Skin contact:

Wash skin thoroughly with soap and water, or use a proprietary skin cleaner. Do NOT use solvents or thinners.

Ingestion:

Wash out mouth with water and give 200 - 300 ml (half a pint) of water to drink. Do NOT induce vomiting.

### **Fire fighting measures**

Not classed as flammable.

Extinguishing media; Carbon dioxide, Dry chemicals, Foam.

Recommendations: Fire will produce dense smoke containing hazardous products of combustion (carbon oxides). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow runoff from fire fighting to enter drains or water courses.

### **Accidental Spillage:**

Do not allow into drains, or water courses, or dispose of where ground, or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations.

## **THIS PRODUCT IS MEANT FOR INDUSTRIAL USE ONLY**

Detailed safety information available in product specific Material Safety Data Sheet

**For further assistance please contact us at +48 71 319 2225.**

This information is based on Company present state of knowledge. It should not therefore be constituted as guaranteeing specific properties of the product described, or their suitability for particular application.