

HUNTSMAN TR 31238**TECHNICAL DATA SHEET****POLYURETHANE SYSTEM HUNTSMAN TP 31238 – HUNTSMAN 200*****INTRODUCTION**

HUNTSMAN TP 31238 is a Polyol blend to be used in combination with Suprasec 5025 for the Production of Sandwich panels through discontinuous process. Expansion of foam is achieved by using Co₂, generated by the reaction of Isocyanate with water in combination with hydrocarbons as blowing agent to be added by customer at site. The product does not contain any ingredients which depletes the ozone layer (Zero ODP) The foam is classified as B2 as per standard DIN 4102.. If it is intended to use this product in different application, the nearest Huntsman Polyurethane Technical service Centre should be contacted to advice or HUAE.

***PROCESSING RECCOMENDATION**

The chemicals should be adjusted to the correct temperature before use to ensure reactivity and viscosity are suitable for processing. If in doubt, please contact nearest Huntsman technical Centre or HUAE.

***STORAGE & HANDLING**

The storage life of this product referred to in this data sheet is provisionally 6 months from the time of the production date when stored at 25 deg.C (storage life at the customer). It should be kept sealed when not in use as it is hygroscopic in nature.

***RISKS AVAILABLE**

The isocyanate component irritates the respiration sytem, eyes and skin. This can have allergic reactions if inhaled or when comes in contact with skin. The required measurements indicated in the safety data sheet should be noted during handling of isocyanate. The same procedure should also be applied during handling of the A system (polyol) considering the risk available The appropriate health & safety advice can be found in the provisional safety data sheet for this product

***COMPONENT DATA**

	Unit	HUNTSMAN TP 31238	Standard Method
Appearance	-	Pale Yellow Liquid	Visually
Specific gravity (25°C)	g/cm ³	1.15	DIN 51 757
Viscosity (25°C)	mPa.s	1300	ASTM D 4878-03
Storage Stability	month	6	-

***LABORATORY TEST DATA (21°C)**

A foam produced in a small scale laboratory cup & bag test, at a stirring speed of 4000 rpm using the mixing ratio below, will have the reactivity listed, also below.

	Unit	Value
HUNTSMAN TP 31238	gr	100
HUNTSMAN 200 (Isocyanate Component)	gr	160
Pentane (Blowing agent)	gr	3
Cream time	s	11-15
Gel time	s	180-200
FRD**	Kg/cm ³	28-32

** FRD Can be adjusted according to customer's requirement

***MACHINE TYPE**

Utilized the most foaming machinery type.

HUNTSMAN UAE FZE based in DUBAI, UAE is a fully owned subsidiary of Huntsman. Also, the data given in this sheet does not guarantee the character or a special utilization of the material.**HUNTSMAN UAE, FZE**

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