



Poly TS-1093 / ISO TS--2039

Polyurethane Three-Component Compound

COMPONENTS

ITEM	NAME OF COMPONENT	DESCRIPTION
A	POLY TS-1093	Polyether Polyol
B	ISO TS-2039	Diphenylmethanediisocyanate
Additives	Catalyst C-3001	Catalyst & other additives

Catalysts & additives

The adding amount of should be 4500±500/220kg.

Specifications

Appearance at room Temperature		Milk white liquid	Transparent liquid
Viscosity at 35 °C	cps	600-800	200-300
Specific gravity at work Temperature	g/cm ³	1.13~1.15	1.18~1.20
Mixing ratio	By weight	100	50 - 60
Working Temperature	°C	40 - 50	40 - 50
Cream time	sec.	12~15	
Demoulding time (*)	min	4 - 6	
Moulds Temperature	°C	55 - 60	
Free rise density	g/cm ³	0.15~0.18	
Molding density	g/cm ³	0.35~0.40	

MECHANICAL PROPERTIES OF THE FOAM

Shore Hardness	A	15 – 20
Elongation at break	%	≥ 400.0
Tensile strength at break	MPa	≥ 1.2
Tear strength	KN/m	≥ 8.0
Compression	σ	11.1%
Flexural fatigue resistance 50.000 flexures at Temperature = + 25 °C (*)	NO BREAKING	

- ❖ The mixing ratio is based on the best proportion. This ratio will be changed with the kind of dye and its adding amount.
- ❖ Free rise density may vary with temperature humidity.
- ❖ Demold time may be prolonged with the increase of sole thickness.
- ❖ Data listed above are just for reference. The detail data are subject to practice operation. If other request on Physical properties, please contact us.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and of use are beyond our control, we make no guarantee of results, and assume no liability for the damages incurred by the following these suggestions. Nothing contained herein is to be construed as a recommended for the use in violation of any patents or of applicable laws or regulations.

Contact Information

For product prices, availability, or order placement, contact:

WARESA INDUSTRY PVT LTD.

Ph# +923134114187 / +923214135452

Address: 1-Km Moman Pura Road, off 17-Km Sheikhupura Road, Ferozewala, Lahore, Punjab.