

11H65

TECHNICAL DATA SHEET

11H65 is a White Shore D65 polyurethane casting system. It is recommended for applications where the combination of Physical Strength (Flexural, Tensile, Impact) and Thermal Resistance (HDT, CLTE, Sag) is required.

This formula is a polyether polyol / MDI based unfilled system. The recommended processing includes : roto-molding, casting, injection molding.

STORAGE AND MIXING

The B-component needs to be mixed prior to use each day. Maintain storage temperature between 70°F and 105°F at all times.

Store containers tightly closed since this material is moisture sensitive. If properly stored, the shelf life is 6 months or more.

PROCESSING

It is recommended to run both components heated up to 100-120°F. Preheat the mold to at least 120-140°F.

This material can be molded into any major type of molds; Fiberglass, RTV silicone, metal (aluminum or steel) or urethane.

PROCESSING DATA

POLY / ISO	11H65B / 11H65A
MIX RATIO (VOL.)	A: 1 pbv B: 1 pbv
MIX RATIO (WT.)	A: 52.0 pbw B: 48.0 pbw
SPECIFIC GRAVITY	A: 1.154 B: 1.032
VISCOSITY	A: 140 cps B: 3500 cps
GEL TIME	3 minutes

PHYSICAL PROPERTIES

HARDNESS (D-2240)	D 65 ±2
Die C Tear	240 pli
Tensile	3300 psi
Elongation	24%

Note

For industrial use only.

Use for reference purpose only.

Refer to the material safety data sheet for additional information.

Use proper ventilation.