

# Thermo-Ware, Ice Boxes & Casserole

Typical Formula	HP-CW 7005	HP-DFPU 45-9 FG Water Blown System
<b>Property</b>		
Viscosity at 25°C cPs	300 ± 50	500 +/- 50
Water Content(%)	2.20 ± 0.1	4.10 +/- 0.1
<b>Machine Mix Reactivity</b>		
Component Temperature,°C	21 ± 1	21 ± 1
Blended Polyol: ISO Ratio	100 : 120	100 : 150
Cream Time, Sec	15 ± 2	15 ± 2
Gel Time, Sec	100 ± 1.10	65 ± 5
Free Rise Density, kg/m <sup>3</sup>	27 ± 1	32 ± 2
<b>Typical Physical Properties (Mold temperature at 45°C)</b>		
Core Density ( kg/m <sup>3</sup> )	38 ± 2	42 ± 2
Compressive Strength (kPa)	>100 kPa	>100 kPa
Tensile Strength (kPa)	>80	>80
Dimensional Stability (-20°C, 24hr), %	< 1	< 1
35°C Thermal Conductivity (mW/m*K)	0.02322	0.02520
ODP (Ozone Depletion Potential)	0.66 - 0.90	0
GWP (Global Warming Potential)	870 - 970	1.0

