

Refrigerators, Water Heaters & Coolers, Blow & Roto Molds

Typical Formula	HP-DFPU 7242	HP-DWH 5440	HP-DFPU 45-9 Water Blown System
Property			
Viscosity at 25°C cPs	300 ± 50	310 ± 50	300 ± 50
Water Content(%)	2.3 ± 0.10	1.8 ± 0.02	4.0 ± 0.20
Machine Mix Reactivity			
Component Temperature,°C	21 ± 1	21 ± 1	21 ± 1
Blended Polyol : ISO	100 : 130	100 : 130	100 : 150
Cream Time, sec	15 ± 2	15 ± 2	20 ± 2
Gel Time, sec	80 ± 5	95 ± 5	100 ± 10
Free Rise Density, kg/m ³	27.0 ± 1.0	30 ± 1.0	33 ± 2
Typical Physical Properties (Mold temperature at 45°C)			
Core Density (kg/m ³)	40 ± 2	38 ± 2	43 ± 2
Compressive Strength (kPa)	> 100	> 100	> 100
Dimensional Stability (-20°C, 48hr), %	< 1.5	< 1.5	< 1.5
Dimensional Stability (+80°C, 48hr), %	< 1.5	< 1.5	< 1.5
35° C Thermal Conductivity (mW/m*K)	23.00 ± 0.20	23.00 ± 0.20	24.00 ± 0.20

