

Continuous PUR B3 Panel Systems

Typical Formula	HP-CPB3-5442-4P	HP-CPB3-5010-31	HP-CPB3-5310-21
Property			
Viscosity at 25°C cPs	1,000 ± 50	300 ± 50	300 ± 50
Water Content(%)	1.55 ± 0.1	1.55 ± 0.1	1.55 ± 0.1
Machine Mix Reactivity			
Blended Polyol: ISO Ratio / Catalyst		100:157 / 0.65	100:155 / 100
Blended Polyol: ISO Ratio / Catalyst/CP	100:150 / 0.65 / 9.0		100:150 / 0.65 / 9.0
Cream Time, Sec	10 ± 2	10 ± 2	10 ± 2
Gel Time, Sec	48 ± 3	50 ± 3	50 ± 3
Free Rise Density, kg/m ³	33 ± 2	35 ± 2	35 ± 2
Typical Physical Properties (Mold temperature at 45°C)			
Core Density (kg/m ³)	40 ± 4	40 ± 4	40 ± 4
Compressive Strength (kPa)	>100 kPa	>100 kPa	>100 kPa
Dimensional Stability (-20°C, 24hr), %	< 1	< 1	< 1
35°C Thermal Conductivity (mW/m*K)	< 0.025	< 0.025	< 0.025
Tensile Strength (kPa)	> 80	> 80	> 80
ODP (Ozone Depletion Potential)	0	0.66-0.90	0.66-0.90
GWP (Global Warming Potential)	1	870-970	870-970

