Continuous PIR Panel Systems

Typical Formula	HP-CPIR 5628-4P	HP-CPIR 5721-4P	HP-PCPIR MI 5P
Property			
Viscosity at 25^{0}C cPs	1300 ± 200	1300 ± 200	1300 ± 200
Water Content(%)	1.55 ± 0.1	1.55 ± 0.1	1.55 ± 0.1
Machine Mix Reactivity			
Blended Polyol: ISO Ratio / Catalyst / CP	100:170/ 4.0 / 12	100:180/ 3.0 / 12	100:192/ 4.0+2.7 / 12
Cream Time, Sec	10 ± 2	10 ± 2	10 ± 2
Gel Time, Sec	45 ± 3	45 ± 3	45 ± 3
Free Rise Density, kg/m^3	36 ± 2	36 ± 2	36 ± 2
Typical Physical Properties (Mold temperature at 45^{o}C)			
Core Density (kg/m^3)	40 ± 4	40 ± 4	40 ± 4
Compressive Strength (kPa)	100 kPa	100 kPa	100 kPa
Tensile Strength (kPa)	>100	>100	>100
Dimensional Stability (-20°C, 24hr), %	< 1	< 1	< 1
35°C Thermal Conductivity (W/m.K)	< 0.025 W/ (m x K)	< 0.025 W/ (m x K)	< 0.025 W/ (m x K)
ODP (Ozone Depletion Potential)	0	0	0
GWP (Global Warming Potential)	< 5	< 5	< 5

HARWAL POLYURETHANES