

Continuous PIR Block Foam Systems

Typical Formula	HP-SCBF-9050	HP-SCBF-9035
-----------------	--------------	--------------

Property

Viscosity at 25°C cPs	400 ± 50	300 ± 50
Water Content(%)	0.2 ± 0.1	0.5 ± 0.1

Machine Mix Reactivity

Blended Polyol: ISO Ratio / Catalyst	100:200	100:200
Blended Polyol: ISO Ratio / Catalyst/CP		
Cream Time, Sec	40 ± 5	40 ± 5
Gel Time, Sec	90 ± 10	90 ± 10
Free Rise Density, kg/m ³	55 ± 2	40 ± 2

Typical Physical Properties (Mold temperature at 45°C)

Core Density (kg/m ³)	50 ± 2	35 ± 2
Compressive Strength (kPa)	250 KPA	180 KPA
Dimensional Stability (-30°C, 24hr), %	<1	<1
Conductivity (W/m.K)	0.021 W/m.K	0.021 W/m.K
Tensile Strength (kPa)	>80	>80
ODP (Ozone Depletion Potential)	0	0
GWP (Global Warming Potential)	<5	<5

