

Discontinuous Panel Systems - Cold Stores

Typical Formula	HP-DCPUT 38-25	HP-DCPU 40FS (B2)	HP-DCPU 40-21
Property			
Viscosity at 25°C cPs	300 ± 50	310 ± 50	310 ± 50
Water Content (%)	1.70 ± 0.10	1.00 ± 0.10	1.80 ± 0.10
Machine Mix Reactivity			
Component Temperature,°C	21 ± 1	21 ± 1	21 ± 1
Blended Polyol : ISO	100 : 120	100 : 120	100 : 120
Cream Time, sec	23 ± 3	40 ± 2	33 ± 3
Gel Time, sec	135 ± 20	215 ± 15	230 ± 20
Free Rise Density, kg/m ³	28 ± 2	37 ± 1.0	37 ± 1.5
Typical Physical Properties (Mold temperature at 45°C)			
Core Density (kg/m ³)	35 - 37	38 - 40	38 - 40
Compressive Strength (kPa)	> 100	> 100	> 100
Dimensional Stability (-20°C, 48hr), %	< 1.5	< 1.5	< 1.5
Dimensional Stability (+80°C, 48hr), %	< 1.0	< 1.0	< 1.0
35°C Thermal Conductivity (mW/m*K)	23.00 ± 0.20	23.00 ± 0.20	23.00 ± 0.20

