



Polythane Systems, Inc.

Technical Bulletin

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All the polyurethane foam listed utilize an HCFC blowing agent. Different reactivity levels are available for spraying under various climatic conditions. These are designated as **SSH** for summer, **RSH** for fall and **WSH** for winter. Reactivities and temperature ranges are listed below.

Viscosity: CPS (@ 77°F)	"A" Component	"B" Component	Density
PSI SH200-18	200	200	1.8 Lb./Cu.Ft.
PSI SH200-20	200	250	2.0 Lb./Cu.Ft.
PSI SH200-25	200	400	2.5 Lb./Cu.Ft.
PSI SH200-27	200	450	2.7 Lb./Cu.Ft.
PSI SH200-30	200	400	3.0 Lb./Cu.Ft.

Mix Ratio: Parts By Volume	
"A" Component	100
"B" Component	100

Reactivity: Seconds	SSH	RSH	WSH
Cream	5-6	4-5	2.5-3.5
Tack Free	11-20	8-11	6-9
Rise	17-28	13-18	10-16
Suggested Application Temperature °F.	85+	60-90	50-75

PSI LRA1000 - Product Data Specifications		
Typical Physical Properties		
Density ASTM D-1622	(Core) (Inplace)	1.7 lb/cf 1.8 min.
Compressive Strength ASTM D-1621	Parallel Perpendicular	15 psi @ 6% deflection 12 psi @ 6% deflection
Tensile Strength	ASTM D-2856	60 psi
Water Absorption	ASTM D-2843	.01-.03 lb/sf

Closed Cell Content	ASTM D-2856 -	90% min.
R-Value		6.3 aged, 7.1 new
K Factor - Initial	ATSM C-518 -	0.16
Percent Volume Change ASTM D-2126	Humid Age - 28 days - Dry Age - 28 days - Freeze -5 days -	20% 13% 0%
Weight/Gallon	Liquid components -	10.75 lbs.
Viscosity	Liquid components -	A= 300 cps B= 500 cps

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