

Poly Labs U-34 Data Sheet

Viscoelastic Slow Recovery Memory PU Foam

Advanced Viscoelastic Slow Recovery Polyurethane (PU) Memory Foam

Key Features of Poly Labs U-34 PU Foam

U-34 polyurethane exhibits extremely slow recovery time and is highly conforming
Memory foam exhibits slow recovery to original form when compressed or distorted

U-34 Viscoelastic PU Foam exhibits low ball rebound for enhanced cushioning
Ideally suited for medical padding, general seating, and wheelchair seating applications.



The properties of our U-34 Viscoelastic Slow Recovery Memory Foam are as follows:

Density	0.12 g/cm ³
Tensile Strength	23 psi
Die C Tear	4.0 pli
Compression Set, 50 % at 77°F	
Of original thickness	1.16 %
Of original deflection	2.1 %
Compression Set, 50% at 158°F	
Of original thickness	1.89 %
Of original deflection	2.56 %
Compression Force Deflection, 10 %	0.8 psi
Compression Force Deflection, 20 %	1.0 psi
Compression Force Deflection, 25 %	1.1 psi
Compression Force Deflection, 50 %	2.0 psi
Compression Force Deflection, 75 %	13.8 psi