



### Properties

Shore A Hardness	77
Tear strength	28 kN/m
Elongation at break	290%
Tensile stress at 50%	3 MPa
Glass transition temperature	30°C

EPU 45 is a strain-rate-sensitive material that stiffens to absorb energy at high impact rates. This enables the design of highly breathable lattice geometries tuned for comfort at low-impact speeds and energy absorption at high-impact speeds.

***“Energy-damping, strain-rate-sensitive, elastomer”***

### Example applications

*Image courtesy Carbon, Inc.*



Impact padding