

4.0# Cross-Linked Polyethylene (XLPE)

4 lb/ft³ crosslinked, polyethylene product produced in bun form not intended for elevated temperature applications. This product meets various automotive specifications.

TECHNICAL DATA SHEET | BUNS (EFFECTIVE 24FEB25)

Cross-linked Polyethylene (XLPE)

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Cell Structure	–	–	Closed
Service Temperature	–	°F °C	-65 – 99 -54 – 210
Flammability*	FMVSS 302	in/min mm/min	3.94 max 100 max
Water Absorption	ASTM D3575	lb/ft ² kg/m ²	0.1 max 0.5 max
Density	ASTM D3575	lb/ft ³ kg/m ³	3.2 – 5.2 51 – 83
Compression Set	ASTM D3575	%	15 max
Tensile Strength	ASTM D3575	psi kPa	60 min 414 min
Elongation	ASTM D3575	%	100 min
Tear Strength	ASTM D3575	lb/in kN/m	12 min 2.1 min
Thermal Stability Change	ASTM D3575	%	5 max
Compression Deflection 10%	ASTM D3575	psi kPa	3.6 min 25 min
Compression Deflection 25%	ASTM D3575	psi kPa	15 – 28 103 – 193

*Passes at 0.250 in (6.35 mm) and higher