

6.0# Cross-Linked Polyethylene (XLPE)

TECHNICAL DATA SHEET | BUNS (EFFECTIVE 24FEB25)

Cross-linked Polyethylene (XLPE)

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Cell Structure	–	–	Closed
Density	ASTM D3575	lb/ft ³ kg/m ³	6 96
Tensile Strength	ASTM D3575	psi kPa	125 861
Tear Strength	ASTM D3575	lb/in kN/m	33 589
Elongation	ASTM D3575	%	250
Asker Hardness	ASTM D2240	Asker C	60
Compression Set @ 50% 24hr	ASTM D3575 Suffix B	%	<10
Compression Strength @ 25%	ASTM D3575 Suffix D	psi kPa	32 221
Compression Strength @ 50%	ASTM D3575 Suffix B	psi kPa	50 345
Working Temperature Range	–	°F °C	-60 – 224 -51 – 107
Water Absorption (7 Days)	ASTM D1667	lb/ft ²	0.001
Flammability	FMVSS 302	in	Pass at 0.25 2.15/min Burn Rate