

XP-40

2 Stage Crosslinked Polyethylene



This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

PHYSICAL PROPERTIES		TEST METHOD	VALUES	USA UNITS	VALUES	METRIC UNITS
Density - Nominal		ASTM D3575	4	lb/ft ³	64.1	kg/m ³
Density Range (Bun w/o skins)		ASTM D3575	3.5-4.8		56-77	
Tensile Strength		ASTM D3575	70-100	psi	483-689	kPa
Tear Strength		ASTM D3575	16-20	lb/in	286-357	kg/m
Elongation		ASTM D3575	200-300	%	200-300	%
Firmness		ASTM D2240	40-50	Asker C	40-50	Asker C
Compressive Stress						
Compression Set	50% 24hr	ASTM D3575 Suffix B	<12	%	<12	%
Compression Strength	25%	ASTM D3575 Suffix D	12-16	psi	83-110	kPa
	50%		23-27		159-186	
Working Temperature Range		Internal Test	-110 to 215	°F	-79 to 102	°C
Water Absorption 7 Days		ASTM-D1667	.05			
Flammability		FMVSS302	Pass	Pass at 0.25", burn rate: 2.05"/min		

DIMENSIONS (net)		
THICKNESS	WIDTH	LENGTH
3in (76.2mm) or 4in (101.6mm)	39in (990.6mm)	79in (2006.6mm)
3in (76.2mm) or 4in (101.6mm)	42 in (1066.8mm)	89 in (2260.6mm)
3in (76.2mm) or 4in (101.6mm)	48 in (1219.2 mm)	96in (2438.4mm)
5 in (127mm) or 6 in (152.4mm)	48 in (1219.2 mm)	96in (2438.4mm)
3in (76.2mm) or 4in (101.6mm)	60in (1524mm)	96in (2438.4mm)

BUN MARKINGS (Example)
Red color paint stripe

ADDITIONAL ASPECTS
Stock colors - charcoal, grey, white*, blue, yellow, red
*white buns ships with skins, all others ship without skins.

*Testing done according to ASTM D3575 & ASTM C177 (thermal conductivity) standards.

Test methods available upon request. All data is typical and not to be considered specification values. *Worldwide Foam, Ltd.*, cannot predict or control the different conditions under which this information and our products may be applied. Therefore, we do not guarantee the applicability or the suitability of our foams nor the accuracy of this information. There is no warranty either expressed or implied on our products. Buyer assumes all responsibility for loss or damage arising from the use of our products, whether done in accordance with direction or not. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Users of our products should perform testing to determine their efficiency and suitability prior to use.