

FOAMFLEX XPE 30

CHEMICALLY CROSSLINKED POLYETHYLENE FOAM (XLPE)

Values consisting of chemically crosslinked polyethylene foam shall be installed in the floating list, having the properties listed below:

Physical Features	Test Method	Units	XLPE
Density	ISO 845	kg/m ³	30 ± %10
Tensile Strength	ASTM D3575	kPa	> 200
Elongation - Transversally	ASTM D3576	%	> 120
Elongation - Longitudinally	ASTM D3577	%	> 116
Compression resistance %25 compression %50 compression %75 compression	ISO 844	Mpa	> 0.03 > 0.07 > 0.18
Compression set %50, 72 hours	EN ISO 1856:1999	%	< 38
Hardness	TS 2013 EN ISO 1856:1999	Shore A	10
Flammability - automotive	FMVSS 302	mm/min.	< 100 mm/min.
Thermal Conductivity	TS EN 12667	W/Mk	0.0372
Water Absorption	TS EN 12087:2002	kg/m ²	0.1
Fire Response Class	TS EN 13501-1:2007		E
Flammability	TS EN 11925-2:2004		Passed
Utilization Temperature		°C	-40 +100
Dimension Stability - Transversally (48 h 70°C)	TS EN 1604	%	0.3
Dimension Stability - Longitudinally (48 h 70°C)	TS EN 1604	%	0.8
Surface Resistance	DIN EN 100 015/1 ASTM D257		

Other features:

- Closed cell structure, water and moisture resistant.
- Effective airborne sound and impact welded and heat insulation capacity.
- Eco-friendly, containing no HCFC and harmful / banned chemicals.
- Compatible with RoHS which limits the use of lead and other toxic substances.
- Containing no fungi or bacteria, odourless.
- Recovers itself after impact, does not cave in.
- Can be shaped by heating (thermoforming).

GRADA YAPI KİMYASALLARI VE İNŞAAT MALZEMELERİ ÜRETİM SAN. TİC. A.Ş.

Adres : Çınardere Mah.Akan Sokak No:15 Kat.2 3 Nolu Bölüm Pendik -İstanbul /TÜRKİYE

Telefon : +90 216 379 83 53 -52 Fax : +90 216 379 83 51

E-mail : info@grada.com.tr web : www.grada.com.tr