



Product Data Sheet

EVA

Chemically cross linked ethylene vinyl acetate closed cell foam

Product	EVA 100	EVA 200	EVA 300	EVA 400
Density (ASTM D 3575)	90-110 kg/m ³	180-210 kg/m ³	270-300 kg/m ³	370-400 kg/m ³
Shore OO (ASTM D 2240)	60	70	80	50 (Shore A)
Compression Deflection (ASTM D 3575)	at 25 % 90 - 130 kPa	at 25 % 147+ kPa	at 25 % 147+ kPa	at 25 % 147+ kPa
Compression Set (ASTM D 1056)	25 % max	25 % max	25 % max	25 % max
Water Absorption (ASTM D 1056)	< 5 %	< 5 %	< 5 %	< 5 %
Moisture Permeability (ASTM E 96)	<0.8 gm/m ² 24 hrs @ 90% rh	<0.8 gm/m ² 24 hrs @ 90% rh	<0.8 gm/m ² 24 hrs @ 90% rh	<0.8 gm/m ² 24 hrs @ 90% rh
Elongation (ASTM D 412)	> 120 %	> 200 %	> 250 %	> 300 %
Tensile Strength (ASTM D 412)	> 0.75 Mpa	> 0.1 Mpa	> 0.2 Mpa	> 0.2 Mpa
Tear Resistance (ASTM D624)	> 0.5 Kn/m	> 1 Kn/m	> 1.5 Kn/m	> 2.5 Kn/m
Temperature Range	-40° C / + 60 ° C Constant + 70° intermittent	-40° C / + 60 ° C Constant + 70° intermittent	-40° C / + 60 ° C Constant + 70° intermittent	-40° C / + 60 ° C Constant + 70° intermittent
Environmental	CFC & HCFC free	CFC & HCFC free	CFC & HCFC free	CFC & HCFC free