

Product Data Sheet

EVA

Chemically cross linked ethylene vinyl acetate

Product	EVA 30	EVA 20
Density (ASTM D 3575)	27- 37 kg/m ³	42-52 kg/m ³
Shore OO (ASTM D 2240)	27 - 38	42 - 54
Compression Deflection (ASTM D 3575)	at 25 % 10-25 kPa	at 25 % 35-55 kPa
Compression Set (ASTM D 1056)	25 % max	25 % max
Water Absorption (ASTM D 1056)	< 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
Elongation (ASTM D 412)	> 200 %	> 250 %
Tensile Strength (ASTM D 412)	> 0.15 Mpa	> 0.2 Mpa
Tear Resistance (ASTM D624)	> 1 Kn/m	> 1.5 Kn/m
Temperature Range (3 hrs at 60 ° C) Sample size 300 x 300 x 10mm	-40° C / + 60 ° C Constant < - 10%	-40° C / + 60 ° C Constant < - 10%
Environmental	CFC & HCFC free	CFC & HCFC free