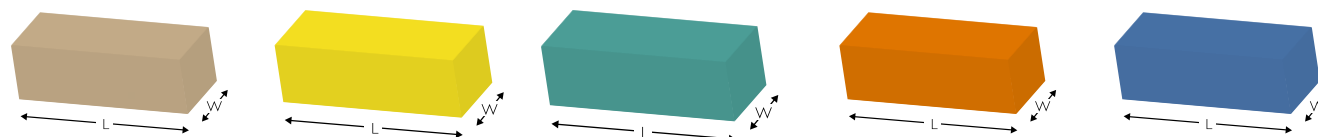


CITObject F – Technical Data Sheet



Property	Test method	CITObject F 15 SAND Test result	CITObject F 25 YELLOW Test result	CITObject F 35 GREEN Test result	CITObject F 45 ORANGE Test result	CITObject F 55 BLUE Test result
Material type		Foamed co-polymer	Foamed co-polymer	Foamed co-polymer	Foamed co-polymer	Foamed co-polymer
Cell structure		Closed cell	Closed cell	Closed cell	Closed cell	Closed cell
Sheet size		Approx. 60 × 100 cm	Approx. 97 × 100 cm	Approx. 86 × 99 cm	Approx. 78 × 99 cm	Approx. 70 × 90 cm
Hardness* (°A)	ASTM D2240	15 Shore A	25 Shore A	35 Shore A	45 Shore A	55 Shore A
Tensile strength (kg/cm ²)	ASTM D638	10.81	18.57	25.54	28.71	37.64
Elongation (%)	ASTM D638	185.00 %	257.00 %	330.00 %	272.00 %	312.00 %
Tear strength (n/mm)	ASTM D624	4.29	10.89	15.28	20.36	26.03
Density (g/cm ³)	ASTM D3574	0.0948	0.1664	0.2226	0.3126	0.4021
Split (peel) tear (kg/cm ²)	ASTM 624	0.57	1.79	2.24	2.8	3.53
Shrinkage (%)	ASTM D1917 (70 °C 40 min)	10.0 %	6.0 %	6.0 %	4.0 %	5.0 %
Compression set (%)	ASTM D395 (50 °C 6 hrs)	81.19 %	80.67 %	70.63 %	61.38 %	46.78 %
Resilience (%)	ASTM D2632	60 %	45 %	45 %	42 %	42 %
Surface ozone cracking	ASTM D1149	No Cracking	No Cracking	No Cracking	No Cracking	No Cracking
Temperature range		-70 / +60 °C	-70 / +60 °C	-70 / +60 °C	-70 / +60 °C	-70 / +60 °C
Thickness tolerance		-0.2 mm / +0.4 mm	±0.2 mm	±0.2 mm	±0.2 mm	±0.2 mm

*Hardness is read after 2 seconds. Hardness tolerance -5/+0 Shore A.

This data represents typical laboratory results only, and does not represent a guarantee of performance in any application.