OrganoComp™

Technical Data

Properties	Parameters	Data	Standard/Method
Physical properties	Surface Weight, g/m2 Thickness, mm Density, g/cm3	780-1320 g/m2 1.10-2.20 mm 0.65-1.03 g/cm3	ISO 536 ISO 534 ISO 534
Mechanical properties	E-modulus, MPa Tensile strain at break, % Tensile strength, MPa Energy at break, J Load at break, N	701.86±53.76 MPa 5.55±0.68 % 23.71±1.60 MPa 0.80±0.14 J 771.57±39.15 N	ASTM -D638-14
Dynamic mechanical properties	Resonance frequency, Hz Elastic modulus at resonance frequency E', GPa Loss modulus at resonance frequency E'', GPa Damping capacity tanÐ	60 Hz 3.6±0.2 GPa 0.07±0.004 GPa 0.02	ASTM D4065-12
Dimension changes (relative humidity from 25% to 50%)	In weight, % In length, % In thickness, %	2.35% 0.24% 1.03%	DIN EN318:2002.
Surface roughness	Ra Rt Rz	4.4 37.1 30.8	Filter ISO 11562 Parameters ISO 4287: 1997
Hardness	Shore hardness D	50	ISO 7619 Part 1
Surface hydrophobicity	Cobb60 value	5	ISO 535
Water resistance	Wet/Dry weight ratio	1.6	24h immerse in H2O, RT

OrganoClick

OrganoClick AB, Linjalvägen 9, SE-187 66 Täby, Sweden
+46(0)8 674 00 80, info@organoclick.com, www.organoclick.com