




## REGULATIONS LINE DEGA - MONOSINT / POLIEPO

	REGULATION	TEST DESCRIPTION	RESULT
	RINA ISO 1716 Reaction to fire	IMO RESOLUTION A 653	Examination passed
	Resistance to chemical agents UNI 8298-4	Test performed on Poliepo, Dega Gamma Eco/TR and Dega Brek (on: coffee, tomato sauce, fruit juice, etc...)	Examination passed
	VOC Emission	Test performed on Dega Plast Stucco, Monosint, Dega Rock, Poliepo	0
	Abrasion resistance UNI 8298-9	Footsteps resistance Test performed on Dega Gamma Eco/TR, Poliepo	250,41 mg
	Compressive Strength ASTM D 695	Load resistance Test performed on Poliepo	80 – 85 N/mm <sup>2</sup>
	Fire resistance UNI8457 UNI9174 EN-ISO11925-2 EN9239-1	Self - extinguishing capability Test performed on Dega Plast Stucco, Monosint, Dega Rock, Poliepo	class 1 (Bfl S1)
	U.V. Resistance ASTM D 4587 – 05	Yellowing resistance Test performed on Poliepo	7
	Thermal conducibility	Heat trasmission capacity Test performed on Dega Plast Stucco, Monosint, Dega Rock	2 -2,5 cal/hmx°C

	Resilience (impact test) ISO 179	Impact resistance Test performed on Poliepo	15 - 23 KJ/mq
	Resistance to washing UNI 8298-14	Test performed on Dega Gamma Eco/TR, Poliepo (using H2O with neutral detergents or slightly basic)	Resists
	Antislip - digital sliptester FSC 2000	Test performed on Poliepo, Dega Brek, Dega Gamma Eco/TR	0,91 > 0,56 > 0,53 very safe - safe
	Flash Point	Test performed on Poliepo	higher 105°C
	Gardner Color ISO 4630	Test performed on Poliepo and Dega Gamma Eco/TR	1
	Elongation at break DIN 53504	Intrinsic elasticity Test performed on Poliepo	7,5 - 8%
	Water vapor permeability UNI-EN1015-19	Breathability Test performed on Dega Rock	9.98 E-13 kg/mxsecxPa
	Hardness Shore D	Scratch resistance Test performed on Poliepo	73 – 78
	Ultimate strenght UNI EN 1339	Impact resistance Test performed on Poliepo	40 - 45 N/mm <sup>2</sup>
	Bending resistance EN ISO 1519	Test performed on Poliepo	60 Mpa
	Elastic modulus DIN 53292	Elasticity Test performed on Poliepo	2000 Mpa

	Static loading UNI 8298-3	Breaking strenght to on punctate surface Test performed on Poliepo and Dega Gamma Eco/TR	classfic. Ps3
	Food safety G.U. 104 del 20.04.73	Suitable for food contact Test performed on Poliepo	Suitable contact 1a-b type IV a-b