



Upatex™ MG

The combination of polar MMA with the non polar latex make excellent adhesive properties between different materials. Upatex™ MG is thus an ideal bonding agent, either in combination with other adhesives (primer) or alone. By the graft polymerization is an improvement of the tear and puncture resistance of, for example. thin-walled tubes and surgical products to non-modified latex obtained. In compounded, vulcanized rubber, an increase of resistance can be achieved compared to oil.

Depending on the application latices with different degrees of polymerization are available.

Typical Properties

Properties Latex	Upatex™				
	MG10	MG15	MG25	MG40S	MG67
Viscosity (mPas ⁻¹)	60	60	30	40	30
pH	10	10	10	10	10
dry content (%)	51	51	51	51	51
Physical properties					
Modulus 100% (MPa)	0.6	0.8	1.1	1.8	2.3
Modulus 300% (MPa)	0.7	1.0	1.5	2.8	3.4
Modulus 600% (MPa)	1.8	4.5	5.8	9.9	11.7
Tensile strength (MPa)	16.5	24.0	30	23.5	24.5
Elongation (%)	1000	860	850	720	680

Conditions for fabrication of the test membrane: 1. Film casting on glass, 2. Drying (room temperature, 1 day), 3. Heat treatment (90°C)

Packaging

Upatex™ MG is available in 200kg drums and 1000lt IBC