



Arthaine 5001

General description and applications

Chemical-physical characteristics

Parameter	Value	Unit of measure
Appearance*	Light yellow to brown yellow	
Color*	Transparent liquid	
Viscosity Brookfield 25C*	1100	mPa.s
Specific gravity at 20 c	1.120	g/mL

*parameter under control

Mixing ratio

Arthaine5001 at20/25 C	100 p.b.w
Polymeric MDI at 20/25C	(65-100) p.b.w

Cup Test at 20 c

Parameter	Value	Unit of measure
Cream time	30-40	Sec.
Gel time	70-80	Sec.
Tack.Free Time	120-130	Sec.
Free rise Density	500-550	Kg/m3

Foam properties

Parameter	Value	Unit of measure	Method
Overall density	200-250	Kg/m3	DIN 53420
Elongation at break	5-6	%	UNI8071
Flexural modulus	750-850	Kg/cm	UNI7219
Skin hardness	60-70	Shore D	ASTM D 2240

Flame Resistance (DIN 4102)	B2
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Test methods

Test methods (MA) referred to in the chemical-physical characteristics are available

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