

DATA SHEET

DBM FACTORY SRLS

GEL POLIURETANICO

DESCRIPTION

Casting product. It is suitable for spraying water-based resins

To be applied on the gel itself (optimal for anti-decubitus orthopedic components)

TYPICAL PROPERTIES OF THE POLYURETHANE SYSTEM

	Unity	Polyol	Isocynatee	Metod
Viscosity	mPas	800	300	ASTM D5155
Hydroxyte number	Mg KOH/g	44	-	PET-11-01
Titol NCO	%	-	29	ASTM D 5155
Specific weight	Kg/dm ³	1,05	1,15	DIN 51757

PHYSICAL CHARACTERISTICS OF THE POLYMER

	Unity		Metod
Hardness	Shore A	-	ASTM D 2240
Tensile strength	Kpa	180	DIN 53504
Elongation at break	%	998	DIN 53504
Tensile strength ^o	Kpa	132	DIN 53504
Elongation at break ^o	Kpa	995	DIN 53504
Densità applicata	Kg/m ³	1,03	DIN 53504

^o (after 168 h a 70 °C)

Notes for customers:Dbm factory srls encourages its customers to verify the application of Dbm factory srls products with reference to both human health and environmental quality.

Notify:The information and data contained herein do not constitute sales specifications. The properties of the products mentioned are subject to change without notice. This documents does not imply any responsibility or guarantee regarding the performance of the product. It is the customer's responsibility to

determine whether Dbm factory products are suitable for the desired applications and to ensure compliance with applicable laws and government regulations.

SOME CHARACTERISTICS OF POLYURETHANE GEL:

- It is among the best shock absorbers (it absorbs shock both vertically and horizontally);
- Dampens vibrations;
- It's fluid and self-modelling;
- Doesn't harden or age over time;
- Thermal (reduces heat absorption ensuring a pleasant sensation of freshness for a long period of time);
- Soft and flexible.