

## TECHNICAL DATA SHEET

### LARICOL 1660/20

**GENERAL DESCRIPTION** LARICOL 1660/20 is a thermoplastic reactivable adhesive polyester based.

**TYPICAL CHEMICAL-  
PHYSICAL PROPERTIES**

The following information is not intended to be used as sales specifications.

Parameter	Typical Value	Unit
Appearance	White pellets	
Minimum reactivation temperature	50 - 55	°C
Open time	Medium	
Crystallization rate	Medium	
Thermal resistance	Very good	
Cold resistance	Medium	
Resistance to fats, oils and plasticizers	Good	
Viscosity ( 15% MEK @ 25°C )	1800 – 2200	mPas

This technical note has been written based on our present best knowledge, but the above mentioned data have not to be released as a specification for the material in object.

Even if we guarantee the quality consistency of the LARICOL products, we could periodically issue updated versions of this Technical Data Sheet and consequently modify the respective sales specifications.

**STORAGE AND  
STABILITY**

LARICOL 1660/20 is supplied in regular pellet form and it is packaged in 25 kg bags or 500 kg and 1000 kg octabins.

LARICOL 1660/20 must be stored in its original and sealed containers and kept in a dry and well ventilated place; avoiding the direct sun radiation.

The shelf life of LARICOL 1660/20 will be 6 months from the date of delivery to the final customer, when stored in its original sealed packaging and in proper conditions.

**SAFETY**

The product is not considered to be dangerous, nevertheless we suggest reading the Material Safety Data Sheet before handling.



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**TECHNICAL DATA SHEET**

LARIPUR 8025

THERMOPLASTIC POLYURETHANE

Specific gravity	gr/cm3	1.19	(DIN 53479)	
Shore hardness	A	84	(DIN 53505)	
Abrasion loss	mm3	30	(DIN 53516)	
Tensile Modulus	50%	N/mm2	4.3	(DIN 53504)
	100%	"	5.6	"
	300%	"	13.7	"
Tensile strength	N/mm2	53.2	(DIN53504)	
Elongation at break	%	620	(DIN 53504)	
Tear strength	N/mm	82	(DIN 53515)	
Vicat Softening Poin	°C	73	(ISO 306)	
Compression Set	70h/23°C	%	20	(DIN53517)
	22h/70°C	"	42	"
	70h/100°C	"	"	"
Flammability Test UL 94 (vertical burning)		V-2		

Transparent, EEC and FDA food contact approved,

**Note:** The present technical note has been written basing on our best knowledge but is not released as a specification for the above mentioned materials.

The international standards here indicated to be intended as a reference to carry out the various but the choice of available options and any possible variation are mentioned in our respective internal standards.



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**TECHNICAL DATA SHEET**

LARIPUR 9025

THERMOPLASTIC POLYURETHANE

Specific gravity	gr/cm <sup>3</sup>	1.20	(DIN 53479)
Shore hardness	A	90	(DIN 53505)
Abrasion loss	mm <sup>3</sup>	30	(DIN 53516)
Tensile Modulus	50% 100% 300%	N/mm <sup>2</sup> " "	6.4 7.8 18.6 (DIN 53504) " "
Tensile strength	N/mm <sup>2</sup>	55.2	(DIN53504)
Elongation at break	%	580	(DIN 53504)
Tear strength	N/mm	101	(DIN 53515)
Vicat Softening Poin	°C	104	(ISO 306)
Compression Set	70h/23°C 22h/70°C 70h/100°C	% " "	24 45 " (DIN53517) "
Flammability Test UL 94 (vertical burning)		V-2	

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**TECHNICAL DATA SHEET**

LARIPUR 9020

THERMOPLASTIC POLYURETHANE

Specific gravity	gr/cm <sup>3</sup>	1.23	(DIN 53479)
Shore hardness	A	91	(DIN 53505)
Abrasion loss	mm <sup>3</sup>	35	(DIN 53516)
Tensile Modulus	50% N/mm <sup>2</sup> 100% " 300% "	7.9 9.6 17.8	(DIN 53504) " "
Tensile strength	N/mm <sup>2</sup>	52.2	(DIN53504)
Elongation at break	%	570	(DIN 53504)
Tear strength	N/mm	103	(DIN 53515)
Vicat Softening Poin	°C	100	(ISO 306)
Compression Set	70h/23°C % 22h/70°C " 70h/100°C "	22 45	(DIN53517) " "

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**TECHNICAL DATA SHEET**

LARIPUR 8520

THERMOPLASTIC POLYURETHANE

Specific gravity	gr/cm <sup>3</sup>	1.22	(DIN 53479)	
Shore hardness	A	86	(DIN 53505)	
Abrasion loss	mm <sup>3</sup>	35	(DIN 53516)	
Tensile Modulus	50%	N/mm <sup>2</sup>	5.7	(DIN 53504)
	100%	"	7.4	"
	300%	"	14.7	"
Tensile strength	N/mm <sup>2</sup>	48.0	(DIN53504)	
Elongation at break	%	580	(DIN 53504)	
Tear strength	N/mm	86	(DIN 53515)	
Vicat Softening Poin	°C	86	(ISO 306)	
Compression Set	70h/23°C	%	21	(DIN53517)
	22h/70°C	"	43	"
	70h/100°C	"	"	"

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