

PUREMA® IS 316
TECHNICAL DATA SHEET***APPLICATION**

Purema IS 316 is fully formulated polyol blend which can be only used in combination with **Suprasec 2012** in order to produce integral skin foam as decorative and protecting surface.

***PRODUCT DEFINITION**

Polyol Component (A) : Mixture of polyol, catalyst and other additives.
Isocyanate Component (B) : Mixture of diphenylmethane- diisocyanate. (**SUPRASEC 2012**).

***STORAGE & HANDLING**

Before the usage, the system should be made homogenous by mixing. The empty tank should be clean. More detailed information can be obtained from SDS.

***RISKS AVAILABLE**

The isocyanate component irritates the respiration sytem, eyes and skin. There can have allergic reactions if he inhales it or his skin contacts the isocyanate. The required measurements indicated in the safety data sheet should be noted during the production of isocyanate. The same procedure should also be applied during the production of the A system (polyol) considering the risk available.

***COMPONENT DATA**

	Unit	Polyol Component	Isocyanate Component	Standard Method
Density (20°C)	g/cm ³	1,02±0,05	1,23±0,05	DIN 51 757
Viscosity (25°C)	mPa.s	1000±100	500±50	ASTM D 4878-03
NCO Percentage	%	–	27±0,5	ASTM D 5155 B
Storage Stability	month	6	6	–
Colour	*	White	Brown	–

***LABORATORY TEST DATA (25 °C)**

	Unit	Value	Method
COMPONENT A (PUREMA IS 316)	g	100	-
COMPONENT B (SUPRASEC 2012)	g	45	-
Cream Time	s	24-26	E-01
Gel Time	s	50-53	E-01
Tack Free Time	s	60-65	E-01
Free Rise Density	kg/m ³	180-195	E-01

* The values given in the Reaction Profile are obtained by mechanical mixer rotating at 3000 rpm in the laboratory.

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EMA Kimya Sistemleri Sanayi ve Ticaret A.Ş.
Organize Deri Sanayi, Yan Sanayi Geliştirme YA-1, Aydınlı – Tuzla, İstanbul – Türkiye
EMA Kimya Sistemleri Sanayi ve Ticaret A.Ş. is a HUNTSMAN company.