

POLYETHER(PTMEG) TDI PREPOLYMER XCPU-M130

- 1、This product is a polytetrahydrofuran ether polyol(PTMEG) and toluene diisocyanate (T-100) synthesis of polyether polyurethane prepolymer
- 2、Features: Water resistance, low temperature resistance, mildew resistance
- 3、Application: Typical uses of this polymer include forklift truck tyres, rolls, and gears, die pads etc.
- 4、Product Specification

Name of products	Appearances	Viscosity(mPa.s/85℃)	NCO% content	Package(kg)
XCPU-M130	solid	1200-1300	3.00-3.20	20 / 200

5、Mixing and Curing Conditions

MOCA Level	Recommended % Theory	Prepolymer Temperature	Curative Temperature	Pot Life	Demould Time	Post Cure Time
%	%	℃	℃	mins	@ 100℃ (hrs)	@ 100℃ (hrs)
9	95	75-85	110-120	12-13	1	10

6、Processing Procedure :

Prepolymer at 75 ~ 85 °C preheating, after vacuum degassing, the melt MOCA good homogeneous mixing, deaeration, pouring, molding, vulcanization molding, stripping, vulcanization。

7、Physical Properties

Properties presented below are to be used as a guide and not intended for specification purposes.

Hardness	Shore A	80
Tensile Strength	MPa	24
100% Modulus	MPa	4.3
300% Modulus	MPa	7.6
Angle Tear Strength, Die C	kN/m	55
Trouser Tear Strength	kN/m	17
Elongation	%	610
Resilience	%	65
DIN Abrasion Resistance 10N	mm ³	41
Cured Specific Gravity	g/cm ³	1.05

Precautions:

1, The product is easy to absorb moisture, will lead to product deterioration in the transportation, storage and use shall be kept sealed packaging good, original sealed storage for six months after opening, to be used up as quickly as possible to prevent moisture absorption metamorphism; If you can not run out of time, to be purged with nitrogen and sealed.

2, The information listed in this specification, may be due to product renewal and change, in view of processing technology, formulation and processing and other applications

Not the same, pre-test their applicability in case of application of the product, please contact the XUCHUAN chemical research and development or technical service department.