



Ithane 02

Description

Aromatic thermoplastic polyurethane resin in dry granules.

Application

Suitable for the production of adhesives for shoes, it can be applied as hot-melt or dissolved in solvent.

Technical Specifications

Method of analysis	MU	Standard
--------------------	----	----------

3. Brookfield Viscosity 25°C	mPa.s	180 - 460 ⁽¹⁾
---------------------------------	-------	--------------------------

⁽¹⁾ 15% TS in MEK

Film properties

Method of analysis	MU	Standard
--------------------	----	----------

59. Tensile Stress at 50% Elongation	Mpa	2
60. Tensile Stress at 100% Elongation	Mpa	2.4
61. Tensile Stress at 300% Elongation	Mpa	4.6
62. Tensile Strength	Mpa	37
63. Elongation	%	590
64. Tear resistance	KN/m	45
98. Resin softening point	°C	79 ⁽¹⁾

⁽¹⁾ (DSC)

Average values; 22±2 g/m² of dry adhesive on PET film 36 µm

Handling

ITHANE 02 can be applied as hot-melt or dissolved in solvents, as MEK, acetone, DMF or mixture of

them.

It has a very good solubility in:
methylethylketone (MEK), dimethylformamide (DMF), acetone, tetrahydrofuran (THF).

Packaging

25 kg bags.

Storing

Product must be stored in a dry place.
Shelf life is 6 months.

Use within 12 months from production date (unopened and in the original packaging).