

quantalyze®


quantity analytics technology

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ICIC, October 2012

Are you looking for

- intervals,
 - temperatures, lengths
 - or other quantities
- in technical texts?

Choose  quantalyze

Quantity Analytics Technology



ten ml trypsin-EDTA was added to confluent cells in a 75 cm were incubated for 1 min. The cells were centrifuged, and res cell line was then diluted into 18 ml OptiMEM I-AB, and mixed. After 6-24 hours, 1 µg of each plasmid was mixed in an 1.5 ml plasmids+xx µl OptiMEM I-AB+xx µl TransIT-LT1=200 µl; 2 µl Ti at room temperature for 45 min. Then 800 µl of OptiMEM I-AB transfection mixture was added to the cells (t=0) at 33° C, for he cells, and 1 ml of OptiMEM I-AB was added, and the cells

Physical Quantities

-10 to 30° C.

Intervals

desorption, recycling can be achieved simply by heating the deacidifying agent to 100 to 165° C., preferably 120 to 155° C. Temperatures

Quantity Context

1

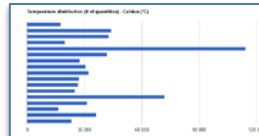
quantalyze Server



Makes quantities and intervals findable in text.



Searching & Filtering



Visual Quantity Analytics

2

quantalyze Workbench

Quantity Analytics Technology

Example:

- Search **claims** for “**thermal sterilization**”
- and contain “**melting point**” between **300 – 450 °F**

Search Results (2) Quantity Chart Filter Chart

Publication No.	Title	# Quant.	Assignee	Publ. Date	Priority No.	Priority Date	Score
US08257822 (B2)	Film for thermal sterilization packaging	591	Mitsui Chemicals, Inc.	2012-09-04			0.51
US6794029 (B2)	Layered film and packaging product thereof	141	Showa Denko Plastic Products	2004-09-21			0.08

Document: US08257822 (B2) — Film for thermal sterilization packaging

Claims

1. A film for **thermal sterilization** packaging characterized by comprising: at least one outer layer containing a propylene/ethylene block copolymer (A) which has a melt flow rate (MFR; ASTM D1238, 230° C., load 2.16 kg) in the range of 1 to 10 g/10 minutes and a **melting point** in the range of **150 to 170° C** measured by means of a differential scanning calorimeter (DSC) and which is constituted from 90 to 80% by weight of a part (Dsol) insoluble in n-decane at room temperature satisfying the following items (1) to (3) and 10 to 20% by weight of a part (Dsol) soluble in n-decane at room temperature satisfying the following items (4) to (6) and at least one intermediate layer or an outer layer containing a propylene/ethylene block copolymer (B) which is not the same as the above propylene/ethylene block copolymer (A):

(1) a molecular weight distribution (Mw/Mn) of Dsol determined by GPC (gel permeation chromatography) is 3.5 or less,

(2) a content of a skeleton originating in ethylene in Dsol is less than 13 mole %,

(3) a sum of a 2,1-insertion bond amount and a 1,3-insertion bond amount of propylene in Dsol is 0.2 mole % or less,

(4) a molecular weight distribution (Mw/Mn) of Dsol determined by GPC is 3.5 or less,

(5) a limiting viscosity [η] of Dsol in 135° C. decalin is 1.5 to 4.0 dl/g and

(6) a content of a skeleton originating in ethylene in Dsol is 15 to 35 mole %.

2. The film for **thermal sterilization** packaging as described in claim 1, wherein the propylene/ethylene block copolymer (B) has:

a melt flow rate (MFR; ASTM D1238, 230° C., load 2.16 kg) in the range of 1 to 10 g/10 minutes and a **melting point** in the range of **140 to 170° C**, and it is constituted from: 90 to 70% by weight of a part (Dsol) insoluble in n-decane at room temperature which satisfies the following items (i) to (ii) and 10 to 30% by weight of a part (Dsol) soluble in n-decane at room temperature which satisfies the following items (iv) to (vi):

(i) a molecular weight distribution (Mw/Mn) of Dsol determined by GPC (gel permeation chromatography) is 3.5 or less,

(ii) a content of a skeleton originating in ethylene in Dsol is less than 13 mole %,

(iii) a sum of a 2,1-insertion bond amount and a 1,3-insertion bond amount of propylene in Dsol is 0.2 mole % or less,

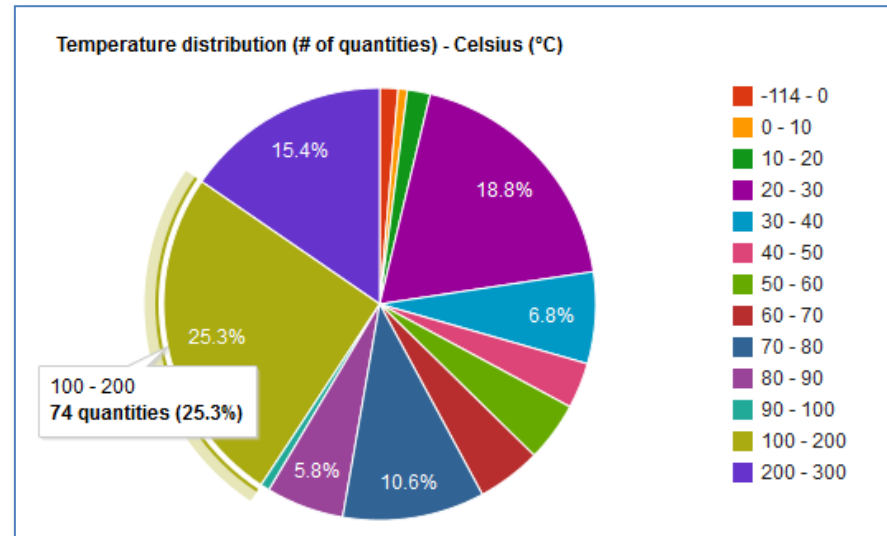
(iv) a molecular weight distribution (Mw/Mn) of Dsol determined by GPC is 3.5 or less,

(v) a limiting viscosity [η] of Dsol in 135° C. decalin is 1.5 to 4.0 dl/g and

(vi) a content of a skeleton originating in ethylene in Dsol is 15 to 45 mole %.

Identified quantities (21)

Field
...170° C., preferably 150 to 165° C. , and more pn Desc.
...and more preferably 156 to 165° C. , and it is cc Desc.
...int in the range of 140 to 170° C. , preferably 14 Desc.
...170° C., preferably 145 to 170° C. , and more pn Desc.
...and more preferably 146 to 165° C. , and it is cc Desc.
...ck copolymer (A) is 150 to 170° C. , preferably Desc.
...170° C., preferably 150 to 165° C. , and more pn Desc.
...and more preferably 156 to 165° C. , if the melt Desc.
...point is lower than 150° C. , it is not prefer... Desc.
...ck copolymer (B) is 140 to 170° C. , preferably Desc.
...170° C., preferably 145 to 170° C. , and more pn Desc.
...and more preferably 146 to 165° C. , if the melt Desc.
...point is lower than 140° C. , it is not prefer... Desc.
...ANP (melting point: 161° C. , MFR: 3 g/10 minute. Desc.
...int in the range of 150 to 170° C. measured by Claims
...int in the range of 140 to 170° C. , and it is cons Claims
...int in the range of 150 to 170° C. measured by Abstract



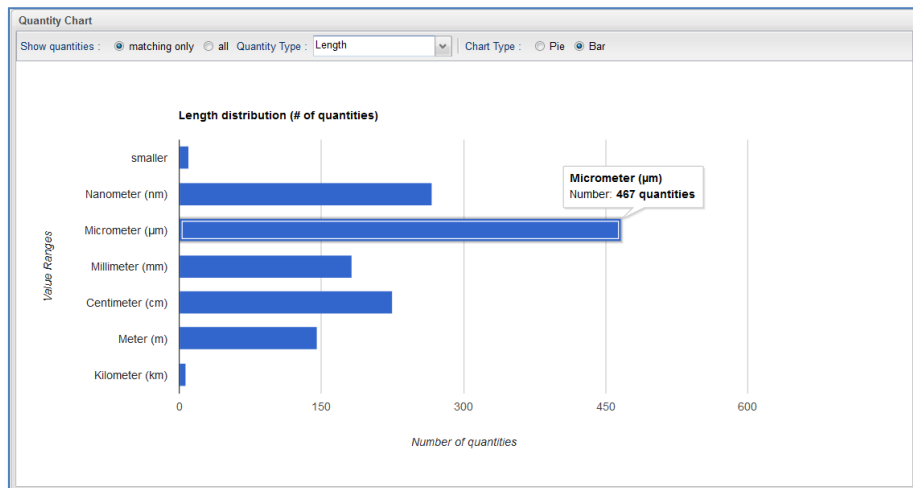
Visit quantalyze online

patents.quantalyze.com

The screenshot displays the Quantalyze web interface. On the left, there is a 'Query' section with a search bar and filters. The main area shows a 'Result List' with columns for Publication No., Title, # Quant., Assignee, Pub. Date, Priority No., and Priority Date. Below this, a 'Document' view shows a chemical synthesis procedure with highlighted quantities. On the right, a 'Show quantities' panel lists various quantities with their units and descriptions.

quantalyze workbench

- Runs in your browser
- Filter and keyword search
- Physical quantity search
- Interval search
- Feedback mechanism
- Print view



- Physical quantity distributions
- Cross-tabulations (e.g. concepts vs. quantity type)
- Different chart types

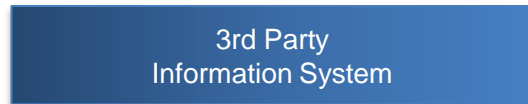
quantalyze server integration



Users remain in their familiar information system environment **enhanced** by the quantity analytics capabilities of **quantalyze**.



3rd Party Technology Vendor



Integration via API*



**Other integration options available on request.*

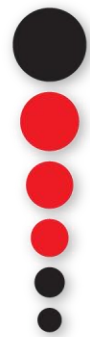
Take-Away Messages

- **Scalable quantity analytics** (cloud processing)
- **Context**-based retrieval of quantities
- **Extensible** (quantities and languages)
- **Independent** from data providers
- **Versatile**: Patents, lab reports, internal documents
- **Visual** quantity analytics
- You may choose
 - **Integration**: quantalyze server, OEM License
 - **Stand-alone**: quantalyze server + workbench



max.recall information systems

- Consulting and software company offering solutions for
 - Intelligent Content Analytics
 - Social Media / Sentiment Analysis
 - Vertical Search
- Founded 2010 and located in Vienna, Austria
- Team: 6 information systems' experts
- Operates worldwide with int'l customers from sectors such as news agencies, IP, market research, IT services
- Client list includes DELL, EPO, KTM, GeoEnvironment, Uppdragshuset, presstext...



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Demo? Integration options?
Please drop by at the max.recall stand.

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