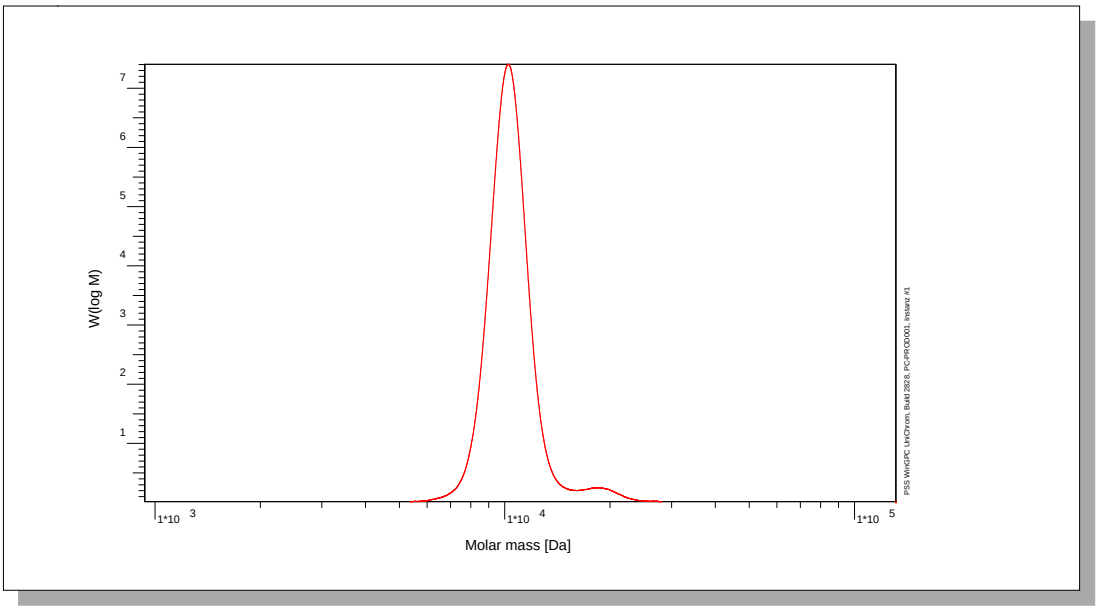
Certificate of Analysis

Polymer type: Poly(butadiene-1.4) OH end-group
Part No: PSS-bdfo10k
Lot No: bdf80606-OH

Molar Mass Distribution



GPC/SEC - Conditions

Sample concentration	1,00 g/l	Inject volume	20 µl
Solvent	Tetrahydrofuran	Flow rate	1,00 ml/min
Precolumn [8 x 50 mm]	PSS SDV 5µm	Temperature	23 °C
Columns [analytical, each 8 x 300 mm]	PSS SDV 5µm 10e3Å / 10e5Å / 10e6Å		
Data Acquisition Software	PSS WinGPC	Operator	S. Fugmann

GPC/SEC - Results

Detector	Mw [Da]	Mn [Da]	Mp [Da]	PDI [Mw/Mn]
Agilent RID	10100	9800	10050	1,03

Note:
Mw = Weight average molecular weight
Mn = Number average molecular weight
Mp = Molar mass at the peak maximum
PDI = Polydispersity Index

Polymer stabilized with 0.1% BHT.

Microstructure of the polymer (estimated uncertainty: +/- 5%):
Poly(butadiene-1.2) 7%
Poly(butadiene-1.4) 93%

Storage: Store the tightly recapped polymer standard in a dry, dark, cool area; e.g. a refrigerator (4 °C).

Date of expiry: See product label.

Manufacture and control according to PSS method of analysis

Dr. T. Hofe
production director

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