

The PE 100+ Association Newsletter, May 2012

PE100+ Association Annual Member Meeting :

The Members Meeting of the Association was held in Brussels on March 30th 2012; a new board was elected.

- President and Chairman: Ulrich Schulte, LyondellBasell
- Vice President Asia: Robin Bresser, Borouge
- Vice President Europe: Pierre Belloir, Total Petrochemicals
- Secretary: Antonio Belforte, Ineos
- Treasurer: Christophe Salles, Borealis
- Member : Harmen de Jonge, SABIC Europe
- Member: Hideki Bando, Prime Polymer
- Member: Pornchai Sangrungsri, SCG Chemicals

Furthermore, the Communication Manager is now Mrs Marie-Françoise Bottin, Plastiem

New list of “PE100+ Quality Materials” published March 2012

The PE100+ Association ensures the highest quality of PE100 pipe products by continuously monitoring three fundamental properties:

- 1) Creep Rupture Strength,
- 2) Stress Crack Resistance
- 3) Resistance to Rapid Crack Propagation.

Network engineers have identified these to be crucial for increasing the use of PE pipes in gas and water distribution networks.

On behalf of the PE100+ Association, Kiwa Gastec Certification B.V., an independent testing authority in the Netherlands is repeating the test rounds together with various independent and internationally accredited test institutes.

Property	Test Method	PE 100+ Association Requirements for PE100+ Quality Materials
Creep Rupture Strength*	Pressure test at 20°C and 12.4 MPa	≥ 200 h
Stress Crack Resistance	Pipe notch test at 80°C and 9.2 bar	≥ 500 h
Resistance to Rapid Crack Propagation	S4 Test at 0°C	$p_c \geq 10$ bar



All tests are performed on 110mm - SDR 11 pipe.

* Note that ISO Conditions have now been changed for 20°C and 12.0 Mpa.

Consequently, PE 100+ Association will test next set of samples according to the new ISO conditions.

The following 18 products meet the PE 100+ Association quality requirements (**valid till Dec 2012**):

Product	Manufacturer	Production Country
BorSafe™ HE3490-LS (black)	Borealis AG	Sweden
BorSafe™ HE3494-LS (blue)	Borealis AG	Finland
BorSafe™ HE3490-LS (black)	Borouge Pte., Ltd.	Abu Dhabi
ELTEX® TUB 121 (black)	Ineos Polyolefins	France
ELTEX® TUB 125 N2025 (orange)	Ineos Polyolefins	France
ELTEX® TUB 124 N2025 (blue)	Ineos Polyolefins	France
ELTEX® TUB 121 N3000 (black)	Ineos Polyolefins	Belgium
Hostalen CRP 100 (black)	LyondellBasell	Germany
Hostalen CRP 100 (blue)	LyondellBasell	Germany
Hostalen CRP 100 Resist CR (black)	LyondellBasell	Germany
HI-ZEX® 7700 MBK (black)	Prime Polymer Co., Ltd.	Japan
EVL-H@SP5505BK (black)	Prime Polymer Co., Ltd.	Japan
SABIC VESTOLEN® A 6060 R (black)	SABIC Polyolefine GmbH	Germany
SABIC VESTOLEN® A 6060 R (blue)	SABIC Polyolefine GmbH	Germany
EL-LENE H1000PC (black)	SCG Chemicals & Thai Polyethylene, Ltd	Thailand
HDPE XS10H (blue)	Total Petrochemicals	Belgium
HDPE XS10B (black)	Total Petrochemicals	Belgium
HDPE XS10 Orange YCF (orange)	Total Petrochemicals	Belgium

You can also download the List from our web page about [Quality Material List](#).

In case of questions, please contact the Communication Manager

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