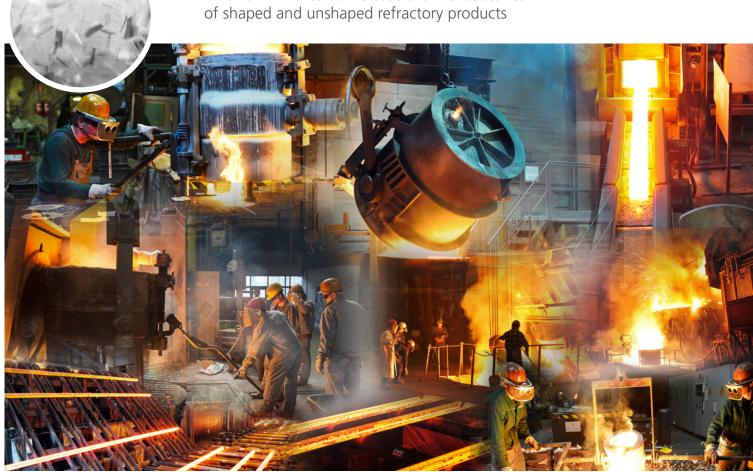




Functional Fibres for the Refractory Industry

PP and PE fibres to increase the fire resistance of shaped and unshaped refractory products





For decades our brand **PB EUROFIBER** has stood for high quality PP and PE fibres made in Germany. We are a single-source manufacturer offering:

- A wide range of fibre solutions for the refractory industry
- High quality fibre products directly from stock
- Product development to customer's specification
- Fibres with modified properties
- Comprehensive quality management 24/7
- Highest fibre performance for trouble-free processing in your plant



Test specimens after fire testing: specimen with and without fibres.



Functional Fibres for the Refractory Industry PB EUROFIBER



PP/PE Product Range (other products also available)

Standard Fibres

Product		Polymer	Diameter µm	Fibre Length mm	dtex g/10.000 m	Fibre Count approx. 10 ⁶ /kg	Theoretical Length approx. km/kg
PB EUROFIBER REF 502	18/2	PP	17.5	2.2	2.2	2100	4500
PB EUROFIBER REF 503	20/3	PP	19.8	3	2.8	1190	3600
PB EUROFIBER REF 505	18/5	PP	18.3	4.6	2.4	900	4200
PB EUROFIBER REF 505	125/5	PP	124	4.6	110	20	90
PB EUROFIBER REF 506	15/6	PP	15.4	6	1.7	1000	5900
PB EUROFIBER REF 506	20/6	PP	19.8	6	2.8	600	3600
PB EUROFIBER PRO-MIX	32/6	PP	31.7	6	7.2	230	1400
PB EUROFIBER F-2106	24/5	LDPE	24.4	4.6	4.4	495	2300
PB EUROFIBER F-1140	64/6	LDPE	63.7	6	30	55	330

PP High-Performance Fibres HPR

Product		Polymer	Diameter µm	Fibre Length mm	dtex g/10.000 m	Fibre Count approx. 10 ⁶ /kg	Theoretical Length approx. km/kg
PB EUROFIBER HPR	15/6	PP	15.4	6	1.7	1000	5900
PB EUROFIBER HPR	20/6	PP	19.8	6	2.8	600	3600
PB EUROFIBER HPR	32/6	PP	31.7	6	7.2	230	1400

HPR (Heat Prompt Reaction) / High-Performance PP Fibres / Patented Technology

What sets **PB EUROFIBER HPR** apart from conventional PP antispalling fibres is its outstanding flow capability in the molten state. In the event of fire, this ease of flow permits quick and efficient formation of a permeable capillary network which vents off vapour pressure from the refractory components. This unique melting properties reduce spalling more efficiently than standard PP fibres.

Customised Fibre Products

Our chemists, plastic engineers and textile experts are at your service. We will create the best product for your specific application needs.



Fibre Range

Polymer	Polypropylene	Polyethylene						
	PP	HDPE	LLDPE	LDPE				
Melting Point	165 °C	131 °C	122 °C	104 °C				
dtex/den	1.2 to 150 dtex / 1.1 to 135 den							
Diameter	13 to 145 μm							
Fibre Length	2.2 mm, 3 mm, 4.6 mm, 6 mm, 9 mm, 12 mm, 18 mm							
	Additional fibre lengths on request.							



Quality First

Comprehensive quality management ensures highest performance and trouble-free processing in your plant.

All information and data in this brochure are provided without engagement. We recommend evaluation of product suitability by appropriate testing before use.