

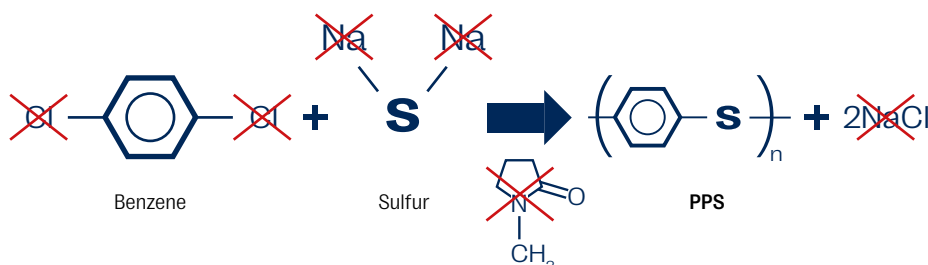
ECOTRAN® Eco-Friendly PPS

ECOTRAN® is the world's first chlorine-free polyphenylene sulfide (PPS). In contrast to conventional PPS production, the innovative polymerization process does not require solvents. Because there is no production of by-products such as sodium chloride, it can offer PPS compounds with high purity and low outgassing. ECOTRAN® PPS is halogen-free according to industry standards and complies with the UL94 V-0 standard without use of a flame-retardant additive.

PPS Characteristics

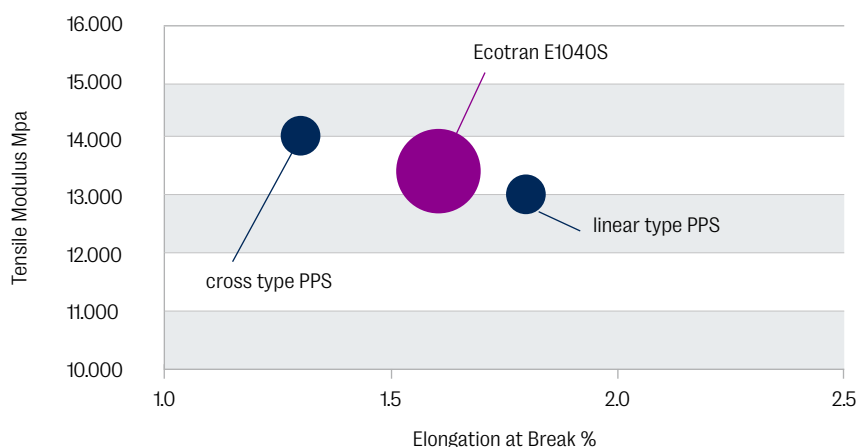
- Very high continuous use temperature, up to 240°C
- Excellent resistance towards oils, hydrolysis and chemicals – No known solvent below 200°C
- Inherently flame retardant to UL 94 V-0
- Low tendency to creep, even at elevated temperatures
- Excellent cost/performance ratio

Advantages of **ECOTRAN**® PPS



ECOTRAN® is the world first Non-Chlorine and Eco-Friendly PPS made by HDC POLYALL.

Comparison with conventional PPS



The semi-linear character of ECOTRAN® combines the higher tensile strength of cross linked PPS and the better ductility of linear PPS in one product.

Standard Products

Ecotran	Type	Filler %	Characteristics	E-Modulus Mpa	Elongation %	Impact kJ/m²	CTI (A) V
ECOTRAN® GF	E1040S	40	General	13.500	1.8	40.0	150
	E1040S LH	40	Low haze, Low Outgas	13.500	1.8	40.0	150
ECOTRAN® GF/MR	E5060G	65	General	21.000	1.0	20.0	225
	E5060GL	65	Low haze, Low Outgas	19.500	0.9	18.0	225
ECOTRAN® special	E2130TM	30	High toughness	8.800	3.1	68.0	150
	E2150T	50	High toughness	14.400	2.3	51.0	175

Additional products and information are available on request.

® indicates a registered trademark, ™ indicates an unregistered trademark, each belonging to the respective/indicated brand owner

Head Office

ALBIS Distribution GmbH & Co. KG
Mühlenhagen 35
20539 Hamburg · Germany
T +49 40 78105 0
info@albis.com
albis.com

The information contained in this publication is based on our current knowledge and experience. However, due to the large number of factors that can influence our products when they are processed and used, it does not exempt processors from carrying out their own investigations and tests. Legally binding assurances of specific properties or of suitability for a specific purpose cannot be derived from our information. The recipient of our products is responsible for observing any applicable industrial rights as well as the existing laws and regulations.



Visit us on LinkedIn



Newsletter · Sign in