

# Schuladur A GF30 HR2

Challenging your toughest application conditions

Hydrolysis resistant PBT *Schuladur A GF30 HR2* matches automotive and E&E industry trends by combining:

- Outstanding hydrolysis resistance
- Glueable with silicone glues
- Increased end-use temperature
- Superior dimensional stability
- High impact resistance and toughness

**Meets the requirements of your automotive E & E applications:**

Ford Test (1000h at 85°/85%RH)

## Some typical applications

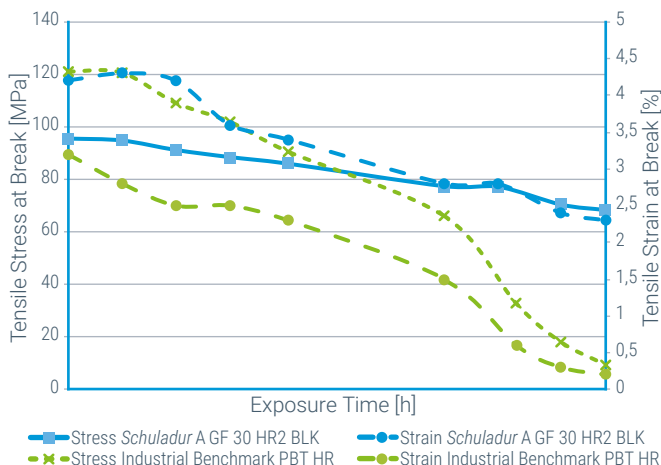
- Ignition Coils
- Fuse Boxes
- Sensors
- Connectors



## General properties of the Schuladur GF30 family

Properties	Units	Standards	Schuladur		Industrial Benchmark PBT HR	
			A GF30	A GF30 HR2		
Tensile Modulus	MPa	ISO 527-2	10.000	7.800	8.500	
Tensile Stress	MPa	ISO 527-2	130	95	120	
Tensile Strain	%	ISO 527-2	2,5	4,2	3,2	
<b>Charpy Notched</b>						
	23°C	kJ/m <sup>2</sup>	ISO 179/eA	8	18	11
	-30°C	kJ/m <sup>2</sup>	ISO 179/eA	5	10	9
<b>Charpy Unnotched</b>						
	23°C	kJ/m <sup>2</sup>	ISO 179/eU	60	77	65
	-30°C	kJ/m <sup>2</sup>	ISO 179/eU	55	70	58
<b>Flow Spiral, 2mm</b>						
	255°C, 1250 bar	mm		300	302	

## Hydrolysis Test – Test specimen fully immersed



# ABOUT US

**LyondellBasell (NYSE: LYB)** is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polymer compounds and the largest licensor of polyolefin technologies. More information about LyondellBasell can be found at [www.LyondellBasell.com](http://www.LyondellBasell.com).

For more information, visit [lyb.com](http://lyb.com)

Before using a LyondellBasell product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the LyondellBasell product safely and legally. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. In addition, no immunity under LyondellBasell's or third parties' intellectual property rights shall be implied from this document. No one is authorized to make any warranties, issue any immunities or assume any liabilities on behalf of LyondellBasell except in a writing signed by an authorized LyondellBasell employee. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at LyondellBasell's option, and in no event shall LyondellBasell be liable for special, consequential, incidental, punitive or exemplary damages.

*Schuladur* is a trademark owned or used by the LyondellBasell group companies and is registered in the U.S. Patent and Trademark Office.

**lyondellbasell**  
*Advancing Possible*