

## PRODUCT DESCRIPTION

PE HD10530 LB is a high molecular weight hexene copolymer for Medium Blow Molding applications. The grade combines high impact resistance, good rigidity and very high environmental stress crack resistance (ESCR).

## TYPICAL APPLICATIONS

PE HD10530 LB is recommended for Blow Molded articles such as jerrycans, high performance containers up to up to 60 litres for the packaging of aggressive products

Properties	Conditions	Method	Typical values*	Units
<b>Rheology</b>				
Melt Flow Rate	190 °C/21.6 kg	ISO 1133-1	10.0	g/10 min
<b>Physical</b>				
Density		ISO 1183	0.953	g/cm <sup>3</sup>
<b>Mechanical</b>				
Tensile Stress at Yield		ISO 527-1	26	MPa
Elongation at Break		ISO 527-1	400	%
Flexural Modulus		ISO 178	1000	MPa
Charpy Notched Impact Strength	23 °C	ISO 179	12	kJ/m <sup>2</sup>
Notched Izod Impact Strength	-20 °C	ASTM D256	19	kJ/m <sup>2</sup>
BTT Stress Crack Resistance	F50, 100 %	ASTM D1693	>1000	hours

\*The values given are typical values measured on the product. These values should not be considered as specification.

### REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

**PJSC «Sibur Holding» (and its subsidiaries)** is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

## Safety

See MSDS

## Contact

### PJSC «Sibur Holding»

Basic Polymers Division  
3-16, Krzhizhanovskogo St.  
117997, Moscow, Russian Federation  
Tel.: ++7 495 7775500  
E-mail: [servicedbp@sibur.ru](mailto:servicedbp@sibur.ru)

### European Sales Office

Sibur International GmbH  
Prinz Eugen Straße 8-10  
1040, Vienna, Austria  
Tel.: ++43 1 370 8000  
E-mail: [polyolefins@sibur-int.com](mailto:polyolefins@sibur-int.com)

### Turkey Sales Office

SIBUR International Trading Istanbul  
EGS Business Park, B1 Blok, Kat.9, No.318 Yeşilköy,  
Bakırköy  
Istanbul, Turkey  
Tel: ++90 212 465 2321  
E-mail: [polyolefins@sibur-int.com](mailto:polyolefins@sibur-int.com)

### Chinese Sales Office

SIBUR International Trading (Shanghai)Co., Ltd  
Rm.62T70, SWFC, Century Ave.100 Pudong New  
Area, 200120, Shanghai, China  
Tel: ++86 021 2206 5066 ext 215  
E-mail: [serviceCN@sibur-int.com](mailto:serviceCN@sibur-int.com)

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