



<b>Grade</b>	8301B
<b>Product</b>	HDPE

### General Information

Key Features - Low-temperature impact strength, Excellent ESCR

Applications Automotive fuel tank

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index (190°C, 2.16kg/21.6kg)	ASTM D1238	g/10min	0.04 / 5
Density	ASTM D1505	g/cm <sup>3</sup>	0.95
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	230
Tensile Strain (Break)	ASTM D638	%	≥800
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	9,000
<b>Impact</b>			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	NB
<b>Thermal</b>			
VICAT Softening Temperature	ASTM D1525	°C	122
<b>Additional Properties</b>			
ESCR	ASTM D1693	F50hr	>1,000

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

\* The last update date : 2021/10/01