

BL8301

High Density Polyethylene

Description

Excellent impact resistance & ESCR.

Application

Automobile fuel tank & large tank.

Properties			
Physical	Testing methods	Nominal values	
Density	ASTM D 1505	g/cm ³	0,948-0,951
Melt Flow Rate (190 °C/21.6 kg)	ASTM D 1238	g/10min	4,5-6,0
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	kg/cm ²	190
Tensile Strength at Break, min.	ASTM D 638	kg/cm ²	NB
Elongation at Break, min.	ASTM D 638	%	500
Thermal			
Vicat Softening Point, min.	ASTM D 1525	°C	120
Additional properties			
Rockwell Hardness, min.	ASTM D 785	R	43
Environmental Stress Cracking Resistance (F50), min.	ASTM D 1693	hr	1000

Note: Above data is based on information provided by Licensor and it is not to be construed as specification.