

# Yanshan PE 5200B

High Density Polyethylene  
SINOPEC Beijing Yanshan Petrochemical

**Message:**  
Yanshan PE 5200B is a High Density Polyethylene product. It can be processed by blow molding and is available in Asia Pacific. Applications of Yanshan PE 5200B include consumer goods, containers and marine applications.

General Information			
Uses	Containers		
	Flotation Devices		
	Toys		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	25.0	hr	ASTM D1693
Ash Content	0.010	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.0	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746

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