

Yanshan PE 5300B

High Density Polyethylene
SINOPEC Beijing Yanshan Petrochemical

Message:
Yanshan PE 5300B is a High Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific. Typical application: Bottles.

General Information			
Uses	Bottles		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.951	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	0.40	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	600	hr	ASTM D1693
Ash Content	0.010	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.5	MPa	ASTM D638
Tensile Elongation (Break)	480	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	4.0	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746

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