

TOTAL Polyethylene HDPE SB 1359 NA

High Density Polyethylene
TOTAL Refining & Chemicals

Message:

SB1359NA: Excellent stress cracking resistance, high stiffness
Applications: Household chemicals, industrial chemicals, industrial parts, food packaging, person care packages

General Information			
Features	Rigidity, high		
	High ESCR (Stress Cracking Resistance)		
	High density		
Uses	Packaging		
	Industrial components		
	Food packaging		
Forms	Particle		
Processing Method	Injection Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Environmental Stress-Cracking Resistance			ASTM D1693B
10% Igepal	> 125	hr	ASTM D1693B
100% Igepal	> 200	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	31.7	MPa	ASTM D638
Tensile Elongation ² (Break)	> 600	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Thermal	Nominal Value	Unit	
Vicat Softening Temperature	127	°C	
Heat Distortion	72	°C	
NOTE			
1.	Type 4, 51mm/min		
2.	Type 4, 51mm/min		

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