

Description

SB1359NA: Excellent stress cracking resistance, high stiffness

Applications: Household chemicals, industrial chemicals, industrial parts, food packaging, personal care packages

Characteristics

	Method	Unit	Typical Value
Rheological Properties⁽¹⁾			
Melt Flow Index	D-1238	g/10 min	
190°C/2.16 kg			2.0
Mechanical Properties⁽¹⁾⁽²⁾			
Tensile Strength @ Yield	D-638, Type IV specimen, 2 in/min	psi	4,600
Elongation at Break	D-638, Type IV specimen, 2 in/min	%	>600
Flexural Modulus	D-790	psi	210,000
ESCR ⁽³⁾			
100% Igepal	D1693, B	hrs	>200
10% Igepal			>125
Thermal Properties⁽¹⁾⁽²⁾			
Vicat		°F	260
Heat Distortion Temperature		°F	162
Other Physical Properties			
Density	D-792	g/cm ³	0.958

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) The data listed were determined on compression-molded specimens and may, therefore, vary from specimens taken from molded articles.

(3) Environmental Stress Crack Resistance (ESCR)

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